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OM nucleic - nucleic search, using sw model

Run on: March 14, 2004, 12:00:04 ; Search time 81 Seconds
(without alignments)
2987.143 Million cell updates/sec

Title: US-09-806-301-1

Perfect score: 436
Sequence: 1 ttgttctgtaagctgagct.....ctccaaaaaaaaaaaaaa 436

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database:

1: /cgn2_6/ptodata/2/ina/5A.COMB.seg.*
2: /cgn2_6/ptodata/2/ina/5B.COMB.seg.*
3: /cgn2_6/ptodata/2/ina/6A.COMB.seg.*
4: /cgn2_6/ptodata/2/ina/6B.COMB.seg.*
5: /cgn2_6/ptodata/2/ina/PCUTS.COMB.seg.*
6: /cgn2_6/ptodata/2/ina/backfile1.seg.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	436	100.0	436	3	US-08-821-451A-3
2	436	100.0	436	3	US-09-263-810-3
3	436	100.0	436	4	US-09-583-169-3
4	431.2	98.9	482	3	US-08-912-276-4
5	421	96.6	482	4	US-09-215-818-2
6	421	96.6	482	4	US-09-467-602A-2
7	421	96.6	494	3	US-08-912-276-3
8	391	89.7	405	4	US-08-969-987-4
9	288.4	66.1	433	3	US-08-821-451A-1
10	288.4	66.1	433	3	US-09-263-810-1
11	288.4	66.1	433	4	US-09-583-169-1
12	226	51.8	230	3	US-08-912-276-2
13	226	51.4	237	3	US-08-912-276-1
14	223	51.1	231	4	US-09-389-681-209
15	223	51.1	231	4	US-09-620-405B-209
16	223	51.1	231	4	US-09-339-338-209
17	223	51.1	231	4	US-09-433-826B-209
18	223	51.1	231	4	US-09-604-287A-209
19	223	51.1	231	4	US-09-834-759-209
20	190.4	43.7	384	4	US-09-673-385A-20
21	38.8	8.9	267	4	US-09-134-000C-2612
22	35.2	8.1	364	4	US-09-621-976-17202
23	35.2	8.1	426	4	US-08-933-711B-12
24	35.2	8.1	2091	4	US-08-933-711B-3
25	35	8.0	1010	4	US-09-234-245-5
26	35	8.0	3715	4	US-09-234-245-1
27	34.4	7.9	1875	2	US-08-683-743-3

28	32.4	7.4	452	4	US-09-397-787-237	Sequence 237, App
29	32.4	7.4	843	4	US-09-498-520A-55	Sequence 55, App
30	32.4	7.4	1560	3	US-08-629-643A-3	Sequence 3, App
31	32.4	7.4	1560	3	US-09-155-884-3	Sequence 17, App
32	32	7.3	2135	4	US-08-933-711B-17	Sequence 1, App
33	32	7.3	2845	4	US-09-235-451-24	Sequence 24, App
34	31.8	7.3	1237	4	US-09-369-247-27	Sequence 27, App
35	31.8	7.3	2015	1	US-07-917-609-35	Sequence 25, App
36	31.8	7.3	2015	3	US-08-029-170-25	Sequence 25, App
37	31.8	7.3	21040	4	US-08-961-527-55	Sequence 2, App
38	31.4	7.2	36519	3	US-08-923-137-2	Sequence 7, App
39	30.8	7.1	1651	4	US-09-621-816B-7	Sequence 3, App
40	30.8	7.1	4069	4	US-09-302-812-3	Sequence 3, App
41	30.8	7.1	4069	4	US-09-511-477-3	Sequence 3, App
42	30.8	7.1	4069	4	US-09-511-507-3	Sequence 3, App
43	30.6	7.0	537	4	US-09-134-001C-2742	Sequence 2742, App
44	30.6	7.0	43795	3	US-08-742-185-101	Sequence 101, App
45	30.4	7.0	1866	4	US-09-205-258-66	Sequence 66, App

ALIGNMENTS

RESULT 1
US-08-821-451A-3
Sequence 3, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
Binding Factor 1, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESSES:
ADDRESSES: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSER: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 325800-521 (PF257)
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MOLLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 436 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: cDNA
US-08-821-451A-3
Query Match 100.0%; Score 436; DB 3; Length 436;
Best Local Similarity 100.0%; Pred. No. 9.5e-129;
Matches 436; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
CY 1 TTGTTGTGAAGCTGAGCTACAGCAAAACAGCAACATGAGCTGTGTCTC 60

Db 1 TTGTTGTGAAGCTGAGCTGACGAAACAAACCAACCACTGAAGCTGTGCTGCTC 60
QY 61 CTGCTGTCACGCTGCGCTCTCTGCTGTCACAGGCCAATGCGAGTCTGCGCCAGCTCTT 120
Db 61 CTGCTGTCACGCTGCGCTCTCTGCTGTCACAGGCCAATGCGAGTCTGCGCCAGCTCTT 120
QY 121 GTTTCGAGCTGTATGACTCTCTCTCATATGTAAGAACCTCTGTTCAAGTTAAGTCTGCG 180
Db 121 GTTTCGAGCTGTATGACTCTCTCTCATATGTAAGAACCTCTGTTCAAGTTAAGTCTGCG 180
QY 181 AAATTTGATGCCCCCTCCGGAAGCTGTGCAAGCCAAAGTTAGAGTGAAGATGACAGGAT 240
Db 181 AAATTTGATGCCCCCTCCGGAAGCTGTGCAAGCCAAAGTTAGAGTGAAGATGACAGGAT 240
QY 241 CAGATGTCCTTTCAAGAAACGAAGCTCATTTGCGGAATCTGCTGTAATAATTGAAGAA 300
Db 241 CAGATGTCCTTTCAAGAAACGAAGCTCATTTGCGGAATCTGCTGTAATAATTGAAGAA 300
QY 301 TGTAGTGTGACATGTAAATACTTTCATCTGCTTCCACTGCTTTCATGACACCT 360
Db 301 TGTAGTGTGACATGTAAATACTTTCATCTGCTTCCACTGCTTTCATGACACCT 360
QY 361 GATCTTCACTGCAAGATGTAAAGTTTCAAGCTTCTTAAATAATCACTTCTCTCC 420
Db 361 GATCTTCACTGCAAGATGTAAAGTTTCAAGCTTCTTAAATAATCACTTCTCTCC 420
QY 421 AAAAAAAAAAAAAA 436
Db 421 AAAAAAAAAAAAAA 436

RESULT 2
US-09-263-810-3
Sequence 3, Application US/09263810
Patent No. 6174892
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
FAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 436 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE

TOPOLOGY: LINEAR
MOLECULE TYPE: cDNA
US-09-263-810-3
Query Match 100.0%; Score 436; DB 3; Length 436;
Best Local Similarity 100.0%; Fred. No. 9.5e-129;
Matches 436; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTGTTGTGAAGCTGAGCTGACGAAACAAACCAACCACTGAAGCTGTGCTGCTC 60
Db 1 TTGTTGTGAAGCTGAGCTGACGAAACAAACCAACCACTGAAGCTGTGCTGCTC 60
QY 61 CTGCTGTCACGCTGCGCTCTCTGCTGTCACAGGCCAATGCGAGTCTGCGCCAGCTCTT 120
Db 61 CTGCTGTCACGCTGCGCTCTCTGCTGTCACAGGCCAATGCGAGTCTGCGCCAGCTCTT 120
QY 121 GTTTCGAGCTGTATGACTCTCTCTCATATGTAAGAACCTCTGTTCAAGTTAAGTCTGCG 180
Db 121 GTTTCGAGCTGTATGACTCTCTCTCATATGTAAGAACCTCTGTTCAAGTTAAGTCTGCG 180
QY 181 AAATTTGATGCCCCCTCCGGAAGCTGTGCAAGCCAAAGTTAGAGTGAAGATGACAGGAT 240
Db 181 AAATTTGATGCCCCCTCCGGAAGCTGTGCAAGCCAAAGTTAGAGTGAAGATGACAGGAT 240
QY 241 CAGATGTCCTTTCAAGAAACGAAGCTCATTTGCGGAATCTGCTGTAATAATTGAAGAA 300
Db 241 CAGATGTCCTTTCAAGAAACGAAGCTCATTTGCGGAATCTGCTGTAATAATTGAAGAA 300
QY 301 TGTAGTGTGACATGTAAATACTTTCATCTGCTTCCACTGCTTTCATGACACCT 360
Db 301 TGTAGTGTGACATGTAAATACTTTCATCTGCTTCCACTGCTTTCATGACACCT 360
QY 361 GATCTTCACTGCAAGATGTAAAGTTTCAAGCTTCTTAAATAATCACTTCTCTCC 420
Db 361 GATCTTCACTGCAAGATGTAAAGTTTCAAGCTTCTTAAATAATCACTTCTCTCC 420
QY 421 AAAAAAAAAAAAAA 436
Db 421 AAAAAAAAAAAAAA 436

RESULT 3
US-09-583-169-3
Sequence 3, Application US/09583169
Patent No. 6338948
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/583,169
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073

REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 436 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: CDNA
US-09-583-169-3

Query Match 100.0%; Score 436; DB 4; Length 436;
Best Local Similarity 100.0%; Pred. No. 9,5e-129; Indels 0; Gaps 0;
Matches 436; Conservative 0; Mismatches 0;

QY 1 TTGTTTGTGAAGCTGAGCTCAGCAGCAAAACAGCCACCATGAGCTGCTGCTGCTC 60
DB 1 TTGTTTGTGAAGCTGAGCTCAGCAGCAAAACAGCCACCATGAGCTGCTGCTGCTC 60
QY 61 CTGCTGTGACGCTGCGCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 120
DB 61 CTGCTGTGACGCTGCGCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 120
QY 121 GTTTCGAGCTGTTAGACTTCTTCTCATTAGTGAACCTGTTCAAGTTAAGCTTGGC 180
DB 121 GTTTCGAGCTGTTAGACTTCTTCTCATTAGTGAACCTGTTCAAGTTAAGCTTGGC 180
QY 181 AAATTGATGCCCCCTCCGGAAGCTGTTGACGCAAGTTGAGTGAAGATGACGAGAT 240
DB 181 AAATTGATGCCCCCTCCGGAAGCTGTTGACGCAAGTTGAGTGAAGATGACGAGAT 240
QY 241 CAGATGCCCCCTCAGAAACGAAAGCTCATTGCGGAAGCTGCTGGAATTTTGAAGAA 300
DB 241 CAGATGCCCCCTCAGAAACGAAAGCTCATTGCGGAAGCTGCTGGAATTTTGAAGAA 300
QY 301 TGTAGTGTGACATGATGAAACCTTCACTGCTGTTTCACTGCTTCAATGACACCT 360
DB 301 TGTAGTGTGACATGATGAAACCTTCACTGCTGTTTCACTGCTTCAATGACACCT 360
QY 361 GATCTTCACGCAAGATGTAAGGTTTCAACGCTTGTATTAATCACTGCTGCTCC 420
DB 361 GATCTTCACGCAAGATGTAAGGTTTCAACGCTTGTATTAATCACTGCTGCTCC 420
QY 421 AAAAAAAAAAAAAA 436
DB 421 AAAAAAAAAAAAAA 436

RESULT 4
US-08-912-276-4
Sequence 4, Application US/08912276
Patent No. 6183952
GENERAL INFORMATION:
APPLICANT: Billings-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpitts, Tracey L.
APPLICANT: Friedman, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Granados, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klass, Michael R.
APPLICANT: Kratochvil, Jon D.
APPLICANT: Roberts-Kapp, Lisa
APPLICANT: Russell, John C.
APPLICANT: Stroupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSER: Abbott Laboratories
STREET: 100 Abbott Park Road

CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,276
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
FILING DATE:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5972, US, P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 482 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-912-276-4

Query Match 98.9%; Score 431.2; DB 3; Length 482;
Best Local Similarity 99.3%; Pred. No. 3,4e-127;
Matches 433; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 TTGTTTGTGAAGCTGAGCTCAGCAGCAAAACAGCCACCATGAGCTGCTGCTGCTC 60
DB 37 TTGTTTGTGAAGCTGAGCTCAGCAGCAAAACAGCCACCATGAGCTGCTGCTGCTC 96
QY 61 CTGCTGTGACGCTGCGCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 120
DB 97 CTGCTGTGACGCTGCGCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 156
QY 121 GTTTCGAGCTGTTAGACTTCTTCTCATTAGTGAACCTGTTCAAGTTAAGCTTGGC 180
DB 157 GTTTCGAGCTGTTAGACTTCTTCTCATTAGTGAACCTGTTCAAGTTAAGCTTGGC 216
QY 181 AAATTGATGCCCCCTCCGGAAGCTGTTGACGCAAGTTGAGTGAAGATGACGAGAT 240
DB 217 AAATTGATGCCCCCTCCGGAAGCTGTTGACGCAAGTTGAGTGAAGATGACGAGAT 276
QY 241 CAGATGCCCCCTCAGAAACGAAAGCTCATTGCGGAAGCTGCTGGAATTTTGAAGAA 300
DB 277 CAGATGCCCCCTCAGAAACGAAAGCTCATTGCGGAAGCTGCTGGAATTTTGAAGAA 336
QY 301 TGTAGTGTGACATGATGAAACCTTCACTGCTGTTTCACTGCTTCAATGACACCT 360
DB 337 TGTAGTGTGACATGATGAAACCTTCACTGCTGTTTCACTGCTTCAATGACACCT 396
QY 361 GATCTTCACGCAAGATGTAAGGTTTCAACGCTTGTATTAATCACTGCTGCTCC 420
DB 397 GATCTTCACGCAAGATGTAAGGTTTCAACGCTTGTATTAATCACTGCTGCTCC 456
QY 421 AAAAAAAAAAAAAA 436
DB 457 AAAAAAAAAAAAAA 472

RESULT 5
US-09-215-818-2
Sequence 2, Application US/09215818A
Patent No. 6379671

GENERAL INFORMATION:
APPLICANT: Colpits, Tracey
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
FILE REFERENCE: 5972 US P2
CURRENT APPLICATION NUMBER: US/09/215,818A
EARLIER FILING DATE: 1998-12-18
EARLIER APPLICATION NUMBER: 08/912,276
EARLIER FILING DATE: 1997-08-17
EARLIER APPLICATION NUMBER: 08/697,105
EARLIER FILING DATE: 1996-08-19
EARLIER APPLICATION NUMBER: 08/912,149
EARLIER FILING DATE: 1997-08-15
EARLIER APPLICATION NUMBER: 08/697,106
EARLIER FILING DATE: 1996-08-19
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 482
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-215-818-2

Query Match 96.6%; Score 421; DB 4; Length 482;
Best Local Similarity 100.0%; Pred. No. 5,8e-124;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 TTGTTTGTGAAAGCTGACCTCAGCAAGAAACCAACCAATGAGCTGCTGCTGCTC 60
58 TTGTTTGTGAAAGCTGACCTCAGCAAGAAACCAACCAATGAGCTGCTGCTGCTC 117
61 CTGCTGCTCAGCTGAGCCCTCTGCTGCTACCAAGCCCAATGCGAGTTCTGCCAGCTCTT 120
118 CTGCTGCTCAGCTGAGCCCTCTGCTGCTACCAAGCCCAATGCGAGTTCTGCCAGCTCTT 177
121 GTTCTGAGCTGTTAGACTCTTCTTCATTAGTGAACCTCTGTCAAGTTAGTCTTGGC 180
178 GTTCTGAGCTGTTAGACTCTTCTTCATTAGTGAACCTCTGTCAAGTTAGTCTTGGC 237
181 AAATTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 240
238 AAATTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 297
241 CAGATGCTCCTTCAAGAAACGAGCTGATGCGAAGTCTGTGTAATAATTGAAAGAA 300
298 CAGATGCTCCTTCAAGAAACGAGCTGATGCGAAGTCTGTGTAATAATTGAAAGAA 357
301 TGTAGTGTGACATGTAATAAAGTTTCACTGCTTTCATGATGACACCT 360
358 TGTAGTGTGACATGTAATAAAGTTTCACTGCTTTCATGATGACACCT 417
361 GATCTTCACTGACAGATGTAAGGTTTCAAGCTTGTCTTAATAATCACTGCTCTCC 420
418 GATCTTCACTGACAGATGTAAGGTTTCAAGCTTGTCTTAATAATCACTGCTCTCC 477
QY 421 A 421
DB 478 A 478

RESULT 6
US-09-467-602A-2
Sequence 2, Application US/09467602A
Patent No. 6552164
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Colpits, Tracey L.
APPLICANT: Russell, John C.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
FILE REFERENCE: 5972 US P5
CURRENT APPLICATION NUMBER: US/09/467,602A
CURRENT FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: US 08/215,818
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: US 08/912,276
PRIOR FILING DATE: 1997-08-17
PRIOR APPLICATION NUMBER: US 08/697,105
PRIOR FILING DATE: 1996-08-19
PRIOR APPLICATION NUMBER: US 08/912,149
PRIOR FILING DATE: 1997-08-15
PRIOR APPLICATION NUMBER: US 08/697,106
PRIOR FILING DATE: 1996-08-19
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 482
TYPE: DNA
ORGANISM: Homo sapiens
US-09-467-602A-2

Query Match 96.6%; Score 421; DB 4; Length 482;
Best Local Similarity 100.0%; Pred. No. 5,8e-124;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 TTGTTTGTGAAAGCTGACCTCAGCAAGAAACCAACCAATGAGCTGCTGCTGCTC 60
58 TTGTTTGTGAAAGCTGACCTCAGCAAGAAACCAACCAATGAGCTGCTGCTGCTC 117
61 CTGCTGCTCAGCTGAGCCCTCTGCTGCTACCAAGCCCAATGCGAGTTCTGCCAGCTCTT 120
118 CTGCTGCTCAGCTGAGCCCTCTGCTGCTACCAAGCCCAATGCGAGTTCTGCCAGCTCTT 177
121 GTTCTGAGCTGTTAGACTCTTCTTCATTAGTGAACCTCTGTCAAGTTAGTCTTGGC 180
178 GTTCTGAGCTGTTAGACTCTTCTTCATTAGTGAACCTCTGTCAAGTTAGTCTTGGC 237
181 AAATTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 240
238 AAATTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 297
241 CAGATGCTCCTTCAAGAAACGAGCTGATGCGAAGTCTGTGTAATAATTGAAAGAA 300
298 CAGATGCTCCTTCAAGAAACGAGCTGATGCGAAGTCTGTGTAATAATTGAAAGAA 357
301 TGTAGTGTGACATGTAATAAAGTTTCACTGCTTTCATGATGACACCT 360
358 TGTAGTGTGACATGTAATAAAGTTTCACTGCTTTCATGATGACACCT 417
361 GATCTTCACTGACAGATGTAAGGTTTCAAGCTTGTCTTAATAATCACTGCTCTCC 420
418 GATCTTCACTGACAGATGTAAGGTTTCAAGCTTGTCTTAATAATCACTGCTCTCC 477
QY 421 A 421
DB 478 A 478

RESULT 7
US-08-912-276-3
Sequence 3, Application US/08912276
Patent No. 6183952
GENERAL INFORMATION:
APPLICANT: Billings-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpits, Tracey L.
APPLICANT: Friedman, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Grandos, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klaes, Michael R.
APPLICANT: Kratochvil, Jon D.
APPLICANT: Roberts-Rapp, Lisa
APPLICANT: Russell, John C.
APPLICANT: Stroupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL

QY 61 CTGCTGTCAGCTGCGCCCTCTGCTGCTACCAAGCCAAATGCGAGTTCTGCGAGCTCTT 120
 DB 75 CTGCTGTCAGCTGCGCCCTCTGCTGCTACCAAGCCAAATGCGAGTTCTGCGAGCTCTT 134
 QY 121 GTTCTGAGCTGTAGACTCTCTTCAATAGTAACTCTGTCAAGTTAACTCTTGC 180
 DB 135 GTTCTGAGCTGTAGACTCTCTTCAATAGTAACTCTGTCAAGTTAACTCTTGC 194
 QY 161 AAATTGATGCCCTCCGGAAGCTTGTGACCCAAAGTTAGAGAGGAAAGATGACGGAT 240
 DB 195 AAATTGATGCCCTCCGGAAGCTTGTGACCCAAAGTTAGAGAGGAAAGATGACGGAT 254
 QY 241 CAGATGTCCTCTCAGAAACGAAGCTCATTTGCGGAAGTCTGTGAAATATTAAGAAA 300
 DB 255 CAGATGTCCTCTCAGAAACGAAGCTCATTTGCGGAAGTCTGTGAAATATTAAGAAA 314
 QY 301 TGTAGTGTGTGACATGTAAATCTTTCAATCTGTTTCACTGTTTCAATGACACCTT 360
 DB 315 TGTAGTGTGTGACATGTAAATCTTTCAATCTGTTTCACTGTTTCAATGACACCTT 374
 QY 361 GATCTCACTGCAAGATGTAAAGTTTCAAC 391
 DB 375 GATCTCACTGCAAGATGTAAAGTTTCAAC 405

RESULT 9
 US-08-821-451A-1
 ; Sequence 1, Application US/08821451A
 ; Patent No. 6066724

GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/821,451A
 FILING DATE: March 21, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/014,724
 FILING DATE: March 21, 1996

ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33,073
 REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 433 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR
 MOLECULE TYPE: CDNA
 US-08-821-451A-1

Query Match 66.1%; Score 288.4; DB 3; Length 433;
 Best Local Similarity 79.8%; Pred. No. 7.1e-82;

Matches 340; Conservative 0; Mismatches 86; Indels 0; Gaps 0;
 QY 5 TTGTAAAGCTAGAGTCAAGAAACGAAGCAGCATAGAGCTGTGCTGCTGCG 64
 DB 8 TTGTAAAGCTAGAGTCAAGAAACGAAGCAGCATAGAGCTGTGCTGCTGCG 67
 QY 65 TGGTCAAGCTGAGCCCTCTGCTGCTCAACAGGCCAATGCCAGTTCTGCCAGCTCTGTT 124
 DB 68 TGGTCTGCTGAGCCCTCTGCTGCTCAACAGGCCAATGCCAGTTCTGCCAGCTCTGTT 127
 QY 125 CTGAGCTGTAGACTCTCTTCAATAGTAACTCTGTCAAGTTAACTCTTGC 184
 DB 128 CTGAGCTGTAGACTCTCTTCAATAGTAACTCTGTCAAGTTAACTCTTGC 187
 QY 185 TTGATGCCCTCCGGAAGCTTGTGACCCAAAGTTAGAGAGGAAAGATGACGGAT 244
 DB 188 TTGATGCCCTCCGGAAGCTTGTGACCCAAAGTTAGAGAGGAAAGATGACGGAT 247
 QY 245 TGTCCCTCAGAAACGAAGCTCATTTGCGGAAGTCTGTGAAATATTAAGAAAATGTG 304
 DB 248 TGTCCCTCAGAAACGAAGCTCATTTGCGGAAGTCTGTGAAATATTAAGAAAATGTG 307
 QY 305 GTGTGTGACATGTAAATCTTTCAATCTGTTTCACTGTTTCAATGACACCTGATC 364
 DB 308 GTGTGTGACATGTAAATCTTTCAATCTGTTTCACTGTTTCAATGACACCTGATC 367
 QY 365 TTGACTGCGAATGTAAAGTTTCAACGCTTGTCTTAAATATGACTTGTCTCCAAA 424
 DB 368 TTGACTGCGAATGTAAAGTTTCAACGCTTGTCTTAAATATGACTTGTCTCCAAA 427
 QY 425 AAAAAA 430
 DB 428 AAAAAA 433

RESULT 10
 US-09-263-810-1
 ; Sequence 1, Application US/09263810
 ; Patent No. 6174992

GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/263,810
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/821,451
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33,073
 REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 433 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR
 MOLECULE TYPE: CDNA
 US-09-263-810-1

LENGTH: 433 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: CDNA
US-09-263-810-1

Query Match 66.1%; Score 288.4; DB 3; Length 433;
Best Local Similarity 79.8%; Pred. No. 7.1e-82;
Matches 340; Conservative 0; Mismatches 86; Indels 0; Gaps 0;

QY 5 TTGTGAAGCTGAGCTCAGACGAAACCAAGCCACATGAGCTGTGCTGCTGCTGC 64
DB 8 TTGTGAAGCTGAGCTCAGACGAAACCAAGCCACATGAGCTGTGCTGCTGCTGC 67
QY 65 TGTGACGCTGGCCCTCTGCTGCTACCAAGCCCAATGCTGCTGCTGCTGCTGCT 124
DB 68 TGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 127
QY 125 CTGAGCTGTGAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 184
DB 128 CTGAGCTGTGAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 187
QY 185 TTGATGCCCTCCGGAAGCTGTGACGCAAGTTAGAGTGAAGATGCAAGATCAGA 244
DB 188 TTATCCACCTCCGGAAGCTGTGACGCAAGTTAGAGTGAAGATGCAAGATCAGA 247
QY 245 TGTGCTGCTGAGAGCAAGCTCATGCGGAAGTCTGCTGCTGCTGCTGCTGCTGCTG 304
DB 248 TATCTTTTGAAGAACCACTCTCATTTGAAAAAGTCTGCTGCTGCTGCTGCTGCTG 307
QY 305 GTGTGTGACATGTAAAACTTTTCATCTGCTTTCATGCTTTCATGACACCTGATC 364
DB 308 GTGTGTGACATGTAAAACTTTTCATCTGCTTTCATGCTTTCATGACACCTGATC 367
QY 365 TTCACTGCAAGATGTAAAGTTTCAACGCTTGTCTTAAATACACTGCTGCTGCAAAA 424
DB 368 TTCACTGCAAGATGTAAAGTTTCAACGCTTGTCTTAAATACACTGCTGCTGCAAAA 427
QY 425 AAAAAA 430
DB 428 CAAAAA 433

RESULT 11
US-09-583-169-1
Sequence 1, Application US/09583169
Patent No. 6338948
GENERAL INFORMATION:
APPLICANT: Jian N. Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/583,169
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: MULHINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PP257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 433 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: CDNA
US-09-583-169-1

Query Match 66.1%; Score 288.4; DB 4; Length 433;
Best Local Similarity 79.8%; Pred. No. 7.1e-82;
Matches 340; Conservative 0; Mismatches 86; Indels 0; Gaps 0;

QY 5 TTGTGAAGCTGAGCTCAGACGAAACCAAGCCACATGAGCTGTGCTGCTGCTGC 64
DB 8 TTGTGAAGCTGAGCTCAGACGAAACCAAGCCACATGAGCTGTGCTGCTGCTGC 67
QY 65 TGTGACGCTGGCCCTCTGCTGCTACCAAGCCCAATGCTGCTGCTGCTGCTGCT 124
DB 68 TGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 127
QY 125 CTGAGCTGTGAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 184
DB 128 CTGAGCTGTGAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 187
QY 185 TTGATGCCCTCCGGAAGCTGTGACGCAAGTTAGAGTGAAGATGCAAGATCAGA 244
DB 188 TTATCCACCTCCGGAAGCTGTGACGCAAGTTAGAGTGAAGATGCAAGATCAGA 247
QY 245 TGTGCTGCTGAGAGCAAGCTCATGCGGAAGTCTGCTGCTGCTGCTGCTGCTGCTG 304
DB 248 TATCTTTTGAAGAACCACTCTCATTTGAAAAAGTCTGCTGCTGCTGCTGCTGCTG 307
QY 305 GTGTGTGACATGTAAAACTTTTCATCTGCTTTCATGCTTTCATGACACCTGATC 364
DB 308 GTGTGTGACATGTAAAACTTTTCATCTGCTTTCATGCTTTCATGACACCTGATC 367
QY 365 TTCACTGCAAGATGTAAAGTTTCAACGCTTGTCTTAAATACACTGCTGCTGCAAAA 424
DB 368 TTCACTGCAAGATGTAAAGTTTCAACGCTTGTCTTAAATACACTGCTGCTGCAAAA 427
QY 425 AAAAAA 430
DB 428 CAAAAA 433

RESULT 12
US-08-912-276-2
Sequence 2, Application US/08912276
Patent No. 6183952
GENERAL INFORMATION:
APPLICANT: Billing-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpitts, Tracey L.
APPLICANT: Friedmann, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Granados, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klass, Michael R.
APPLICANT: Kratochvil, Jon D.
APPLICANT: Roberts-Kapp, Liba
APPLICANT: Russell, John C.
APPLICANT: Stroupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE BREAST
NUMBER OF SEQUENCES: 25

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CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
City: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912.276
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5972.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 230 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
us-08-912-276-2

Query Match          51.8%; Score 226; DB 3; Length 230;
Beet Local Similarity 100.0%; Pred. No. 3.3e-62;
Matches 226; Conservative 0; Mismatches 0; Indels 0; Gaps 0

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QY      256  AAACGAAGCCTCATTTGCGGAAGTCCCGTGGAATAATATTGAAGAATAATAGTGTGACAT 315
DB      61  AAACGAAGCCTCATTTGCGGAAGTCCCGTGGAATAATATTGAAGAATAATAGTGTGACAT 120

QY      316  GTA AAAAATTTCATCTCGTGTTCACATCTGCTTTTCATGACACCCCTGATCTTCACTGACAA 375
DB      121  GTA AAAAATTTCATCTCGTGTTCACATCTGCTTTTCATGACACCCCTGATCTTCACTGACAA 180

QY      376  ATGTAAAGTTTCAAGCTCTGTTTAATAAATCACTTGCTCTCCA 421
DB      181  ATGTAAAGTTTCAAGCTCTGCTTTTAATAAATCACTTGCTCTCCA 226

RESULT 13
US-08-912-276-1
; Sequence 1, Application US/08912276
; Patent No. 6183952
; GENERAL INFORMATION:
; APPLICANT: Billing-Medel, Patricia A.
; APPLICANT: Cohen, Maurice
; APPLICANT: Colpits, Tracey L.
; APPLICANT: Friedman, Paula N.
; APPLICANT: Gordon, Julian
; APPLICANT: Granados, Edward N.
; APPLICANT: Hodges, Steven C.
; APPLICANT: Klass, Michael R.
; APPLICANT: Kratochvil, Jon D.
; APPLICANT: Roberts-Rapp, Lisa
; APPLICANT: Russell, John C.
; APPLICANT: Stroupe, Steven D.
;

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NUMBER OF SEQ ID NOS: 463
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 209
LENGTH: 231
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (83)
OTHER INFORMATION: n=A,T,C or G
US-09-389-681-209

Query Match 51.1%; Score 223; DB 4; Length 231;
Best Local Similarity 99.6%; Pred. No. 2.9e-61;
Matches 223; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 198 GGAAGCTGTTCAGCCCAAGTTGAGATGAGATGACGATCGATGCTCCCTCAGAA 257
DB 225 GGAAGCTGTTCAGCCCAAGTTGAGATGAGATGACGATCGATGCTCCCTCAGAA 166
QY 258 ACGAAGCTTCATTCGCGAAGTCTGCGTGAATAATTTGAAGAAATGATGCTGACATGT 317
DB 165 ACGAAGCTTCATTCGCGAAGTCTGCGTGAATAATTTGAAGAAATGATGCTGACATGT 106
QY 318 AAAAAGTTTCATTCGCTGCTTCATGCTCTTCAATGACACCTGATCTTCACTGCAGAT 377
DB 105 AAAAAGTTTCATTCGCTGCTTCATGCTCTTCAATGACACCTGATCTTCACTGCAGAT 46
QY 378 GTAAAGTTTCACGCTTGTCTTTAATAATCACTGCTCTCCA 421
DB 45 GTAAAGTTTCACGCTTGTCTTTAATAATCACTGCTCTCCA 2

RESULT 15
US-09-620-405B-209/c
Sequence 209, Application US/09620405B
Patent No. 6528054
GENERAL INFORMATION:
APPLICANT: Jiang, Yugu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
FILE REFERENCE: 210121.470C8
CURRENT APPLICATION NUMBER: US/09/620,405B
CURRENT FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 495
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 209
LENGTH: 231
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (83)
OTHER INFORMATION: n=A,T,C or G
US-09-620-405B-209

Query Match 51.1%; Score 223; DB 4; Length 231;
Best Local Similarity 99.6%; Pred. No. 2.9e-61;
Matches 223; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 198 GGAAGCTGTTCAGCCCAAGTTGAGATGAGATGACGATCGATGCTCCCTCAGAA 257
DB 225 GGAAGCTGTTCAGCCCAAGTTGAGATGAGATGACGATCGATGCTCCCTCAGAA 166
QY 258 ACGAAGCTTCATTCGCGAAGTCTGCGTGAATAATTTGAAGAAATGATGCTGACATGT 317
DB 165 ACGAAGCTTCATTCGCGAAGTCTGCGTGAATAATTTGAAGAAATGATGCTGACATGT 106

QY 318 AAAAAGTTTCATTCGCTGCTTCATGCTCTTCAATGACACCTGATCTTCACTGCAGAT 377
DB 105 AAAAAGTTTCATTCGCTGCTTCATGCTCTTCAATGACACCTGATCTTCACTGCAGAT 46
QY 378 GTAAAGTTTCACGCTTGTCTTTAATAATCACTGCTCTCCA 421
DB 45 GTAAAGTTTCACGCTTGTCTTTAATAATCACTGCTCTCCA 2

Search completed: March 14, 2004, 14:29:42
Job time : 84 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using SW model

Run on: March 14, 2004, 14:16:55 ; Search time 302 Seconds
(without alignments)

5315.154 Million cell updates/sec

Title: US-09-806-301-1

Perfect score: 436
Sequence: 1 tctgttgcgaagctgagct.....ctccaaaaaaaaaaaaa 436

Scoring table: IDENTITY_NUC
Gapop 10.0 ; Gapext 1.0

Searched: 2432557 seqs, 184079884 residues

Total number of hits satisfying chosen parameters: 4865114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

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18: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	436	100.0	436	9	US-09-985-911-3
2	436	100.0	625	14	US-10-198-846-8720
3	429.6	98.5	643	14	US-10-198-846-12752
4	421	96.6	482	10	US-09-975-502A-2
5	421	96.6	482	15	US-10-131-410-58
6	418.4	96.0	444	12	US-10-058-270A-83
7	418.4	96.0	444	14	US-10-057-340-180
8	418.4	96.0	444	14	US-10-177-253-271
9	418.4	96.0	463	9	US-09-825-301-76
10	418.4	96.0	463	9	US-09-110-716-28
11	418.4	96.0	463	10	US-09-905-673-10
12	418.4	96.0	463	14	US-10-096-319-10
13	418.4	96.0	463	14	US-10-033-527-76
14	411.6	94.4	500	9	US-09-778-320-85
15	411.6	94.4	500	9	US-09-910-689-85

C	16	411.6	94.4	500	13	US-10-010-742-85	Sequence 85, Appl
	17	391	89.7	405	9	US-09-956-999-4	Sequence 4, Appl1
	18	391	89.7	405	9	US-09-934-054-2	Sequence 2, Appl1
	19	288.4	66.1	433	9	US-09-985-911-1	Sequence 1, Appl1
	20	285.4	65.5	287	10	US-09-905-673-7	Sequence 7, Appl1
	21	285.4	65.5	287	10	US-09-905-673-11	Sequence 11, Appl1
	22	285.4	65.5	287	10	US-09-905-673-12	Sequence 12, Appl1
	23	285.4	65.5	287	10	US-09-905-673-13	Sequence 13, Appl1
	24	285.4	65.5	287	10	US-09-905-673-16	Sequence 16, Appl1
	25	285.4	65.5	287	10	US-10-096-319-7	Sequence 7, Appl1
	26	285.4	65.5	287	14	US-10-096-319-11	Sequence 11, Appl1
	27	285.4	65.5	287	14	US-10-096-319-12	Sequence 12, Appl1
	28	285.4	65.5	287	14	US-10-096-319-13	Sequence 13, Appl1
	29	285.4	65.5	287	14	US-10-096-319-16	Sequence 16, Appl1
	30	283.8	65.1	287	10	US-09-905-673-8	Sequence 8, Appl1
	31	283.8	65.1	287	10	US-09-905-673-14	Sequence 14, Appl1
	32	283.8	65.1	287	10	US-09-905-673-15	Sequence 15, Appl1
	33	283.8	65.1	287	10	US-09-905-673-17	Sequence 17, Appl1
	34	283.8	65.1	287	14	US-10-096-319-8	Sequence 8, Appl1
	35	283.8	65.1	287	14	US-10-096-319-14	Sequence 14, Appl1
	36	283.8	65.1	287	14	US-10-096-319-15	Sequence 15, Appl1
	37	283.8	65.1	287	14	US-10-096-319-17	Sequence 17, Appl1
	38	279.4	64.1	668	15	US-10-125-968-535	Sequence 535, App
	39	279.2	64.0	434	9	US-09-989-723-259	Sequence 259, App
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	41	279.2	64.0	434	9	US-09-989-723-259	Sequence 259, App
	42	279.2	64.0	434	9	US-09-989-723-259	Sequence 259, App
	43	279.2	64.0	434	9	US-09-989-723-259	Sequence 259, App
	44	279.2	64.0	434	9	US-09-989-723-259	Sequence 259, App
	45	279.2	64.0	434	9	US-09-991-073-259	Sequence 259, App

ALIGNMENTS

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RESULT 1
US-09-985-911-3
Sequence 3, Application US/09985911
Patent No. US20020151012A1
GENERAL INFORMATION:
APPLICANT: NI ET AL.
TITLE OF INVENTION: HUMAN ENDOMETRIAL SPECIFIC STEROID-BINDING FACTOR I, II AND III
RILE REFERENCE: PR257D3
CURRENT APPLICATION NUMBER: US/09/985,911
PRIOR FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 09/563,169
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/263,810
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: 08/821,451
PRIOR FILING DATE: 1997-03-21
PRIOR APPLICATION NUMBER: 60/014,724
PRIOR FILING DATE: 1996-03-21
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 436
TYPE: DNA
ORGANISM: human
FEATURE:
NAME/KEY: CDS
LOCATION: (40)..(309)
OTHER INFORMATION:
NAME/KEY: sig peptide
LOCATION: (40)..(102)
OTHER INFORMATION:
NAME/KEY: mat peptide
LOCATION: (103)..(309)
OTHER INFORMATION:
US-09-985-911-3
Query Match 100.0%; Score 436; DB 9; Length 436;
Best Local Similarity 100.0%; Pred. No. 2.6e-129;
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	Matches	436;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	TTGTTTGTGAAGCTGAGCTCA	CAGCAAAACAGACACCATGAAAGCTGTGCGGTCTTC	60						
Db	1	TTGTTTGTGAAGCTGAGCTCA	CAGCAAAACAGACACCATGAAAGCTGTGCGGTCTTC	60						
Qy	61	CTGCTGTGACGCTGGCCCTCTG	CTGCTGCTACCAAGCCATATGCCAGTCTTGCCCAAGCTTT	120						
Db	61	CTGCTGTGACGCTGGCCCTCTG	CTGCTGCTACCAAGCCATATGCCAGTCTTGCCCAAGCTTT	120						
Qy	121	GTTTCTGAGCTGTTAGACTTCTT	TTTCAATATGAACTCTGTTCAGTTAAAGCTTTTGGC	180						
Db	121	GTTTCTGAGCTGTTAGACTTCTT	TTTCAATATGAACTCTGTTCAGTTAAAGCTTTTGGC	180						
Qy	181	AAATTGTGATCCCCCTCCGGA	AGCTGTGGCAGCAAGTTAGAGTGAAGAGATCAGAGAT	240						
Db	181	AAATTGTGATCCCCCTCCGGA	AGCTGTGGCAGCAAGTTAGAGTGAAGAGATCAGAGAT	240						
Qy	241	CAGATGCTCCTTCAAGAACGA	AGCTCATTTGGGGAAGTCTGTGTGAAGAAATTTTGAAGAA	300						
Db	241	CAGATGCTCCTTCAAGAACGA	AGCTCATTTGGGGAAGTCTGTGTGAAGAAATTTTGAAGAA	300						
Qy	301	TGTATGTGTGACATGTAAAAA	ACTTTCATCTGTGTTTCACTGTCTTTCAATGACACCCCT	360						
Db	301	TGTATGTGTGACATGTAAAAA	ACTTTCATCTGTGTTTCACTGTCTTTCAATGACACCCCT	360						
Qy	361	GATCTTCACTGCAAGATGTAA	AGTTTCAAGCTCTTGCTTTAATTAATCACTTGTCTCTC	420						
Db	361	GATCTTCACTGCAAGATGTAA	AGTTTCAAGCTCTTGCTTTAATTAATCACTTGTCTCTC	420						
Qy	421	AAAAAAAAAAAAAAAAAAAA	436							
Db	421	AAAAAAAAAAAAAAAAAAAA	436							

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RESULT 2
US-10-198-846-8720
; Sequence 8720, Application US/10198846
; Publication No. US2003009997441
GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198, 846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306, 220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8720
;
; LENGTH: 625
;
; TYPE: DNA
; ORGANISM: Homo sapiens
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 2,25, 27, 34, 57
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-8720

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Query Match	100.0%	Score 436 / DB 14	Length 625
Best Local Similarity	100.0%	Pred. No. 3, 2e-129	
Matches 436	Conservative 0	Mismatches 0	Indels 0
Gaps	0		

QY	1	TGTTTGTAAAGCTACGCTCACAGAAAACAAGCCACCATGATAGGTGTCGGTGTCTC	60
Db	177	TTGTTTGTGAACCTAGAGCTCACAGAAAACAAGCCACCATGATAGGTGTCGGTGTCTC	236
QY	61	CTGCTGATCACGCTGAGCCCTCTGCTGCTACAGAGCCAAATCCGAGATTTCGCCAGCTTT	120

Db	237	CTGCTGCTCAGCGTCGCCCCCTCTGCTGTGCTACCAAGCCAAATGCGAAGTCTTGCCCAAGCTCTT	296
QY	121	GTTTCTGAGCTGTAGACTTTCTTTCTTCAATAGGAACCTCTGTTCAAGTTAAAGTCTGGC	180
Db	297	GTTTCTGAGCTGTGTAGACTTTCTTTCAATAGGAACCTCTGTTCAAGTTAAAGTCTTGCC	356
QY	181	AAATTGATGCCCCCTCCGGAAGCTGTTCAGCCCAAGTTAGAGTGAAGATGCAAGAT	240
Db	357	AAATTGATGCCCCCTCCGGAAGCTGTTCAGCCCAAGTTAGAGTGAAGATGCAAGAT	416
QY	241	CAGATGTCCTTCAGAAACGAAGCCTCATTCGCGAATGCTCTGTTGAAATATTGAAGAA	300
Db	417	CAGATGTCCTTCAGAAACGAAGCCTCATTCGCGAATGCTCTGTTGAAATATTGAAGAA	476
QY	301	TGTAGAGTGTACATGTAAAACTTTCATCTGTGTTTCCACTGCTTTTCATGACACCGT	360
Db	477	TGTAGAGTGTACATGTAAAACTTTCATCTGTGTTTCCACTGCTTTTCATGACACCGT	536
QY	361	GATCTTCACTGCAGAATGTAAAGTTTCAAGCTTTGCTTTAATAATCATCTTGCTCTGC	420
Db	537	GATCTTCACTGCAGAATGTAAAGTTTCAAGCTTTGCTTTAATAATCATCTTGCTCTGC	596
QY	421	AAAAAAAAAAAAAAAAA 436	
Db	597	AAAAAAAAAAAAAAAAA 612	

```

RESULT 3
US-10-198-846-12752
/ Sequence 12752, Application US/1019846
/ Publication No. US2003009974A1
/ GENERAL INFORMATION:
/ APPLICANT: Lillie, James
/ APPLICANT: Xu, Yongyao
/ APPLICANT: Wang, Youzhen
/ APPLICANT: Steinmann, Kathleen
/ TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
/ TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
/ TITLE OF INVENTION: THERAPY OF BREAST CANCER
/ FILE REFERENCE: MRI-049
/ CURRENT APPLICATION NUMBER: US/10/198, 846
/ CURRENT FILING DATE: 2002-07-18
/ PRIOR APPLICATION NUMBER: 60/306,220
/ PRIOR FILING DATE: 2001-07-18
/ NUMBER OF SEQ ID NOS: 14084
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 12752
/ LENGTH: 643
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..2..640, 641..642, 643
/ OTHER INFORMATION: n = A,T,C or G
US-10-198-846-12752

```

	Query Match	Similarity	98.5%	Score	429.6	DB	14	Length	643
	Best Local	Similarity	99.1%	Pred.	No. 3.6e-127				
	Matches	432	Conservative	0	Mismatches	4	Indels	0	Gaps
Qy	1	TTGTTTGTGAAAGCTGAGCTCACAGACAAACAAAGCCACCATGAAGCTGTGGTGTCTC	60						
Db	84	TTGTTTGTGAAAGCTGAGCTCACAGACAAACAAAGCCACCATGAAGCTGTGGTGTCTC	143						
Qy	61	CTGCTGTGTACAGCTTGGCCCTCTGCTGTGTACCAAGGCCAATGGCCGAGTTCTGGCCACACTCT	120						
Db	144	CTGCTGTGTACAGCTTGGCCCTCTGCTGTGTACCAAGGCCAATGGCCGAGTTCTGGCCACACTCT	203						
Qy	121	GTTTGTGAGCTTTGAGCTCTCTTCTTATAGTAGAAGCTGTGTCAAGTTAAGCTTTGGC	180						
Db	204	GTTTGTGAGCTTTGAGCTCTCTTCTTATAGTAGAAGCTGTGTCAAGTTAAGCTTTGGC	263						

QY 181 AATTGATGCCCCCTCCGGAAGCTGTGGAGCCAAATTAGAGTGAAGATGACCGAT 240
DB 264 AATTGATGAGCCCTCCGGAAGCTGTGGAGCCAAATTAGAGTGAAGATGACCGAT 323
QY 241 CAGATGTCCTTCAGAAAGCAAGCCCTCATTCGGAAGTCTGGTGAATAATTGAAGAA 300
DB 324 CAGATGTCCTTCAGAAAGCAAGCCCTCATTCGGAAGTCTGGTGAATAATTGAAGAA 383
QY 301 TGTAGTGTGACATGTAAATAATTGATTCCTGCTTCCAGTCTTTCAATGACACCT 360
DB 384 TGTAGTGTGACATGTAAATAATTGATTCCTGCTTCCAGTCTTTCAATGACACCT 443
QY 361 GATCTTCACGCGAATGTAAAGTTTCAACGCTTGTATATCACTTGTCTCC 420
DB 444 GATCTTCACGCGAATGTAAAGTTTCAACGCTTGTATATCACTTGTCTCC 503
QY 421 AAAAAAAAAAAAAA 436
DB 504 ACGTCAAAAAAAAA 519

RESULT 4

US-09-975-502A-2
; Sequence 2, Application US/0975502A
; Publication No. US20030044859A1
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Henslee, Jerry G.
; APPLICANT: Friedman, Paula N.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
; DETECTING DISEASES OF THE BREAST
; FILE REFERENCE: 5972.US.P7
; CURRENT APPLICATION NUMBER: US/09/975,502A
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/467,602
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 09/215,818
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: US 08/912,276
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: US 08/697,105
; PRIOR FILING DATE: 1996-08-19
; PRIOR APPLICATION NUMBER: US 08/912,149
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: US 08/697,106
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 482
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-975-502A-2

Query Match 96.6%; Score 421; DB 10; Length 482;
Best Local Similarity 100.0%; Pred. No. 1.8e-124;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTGTTTGTGAAGCTGACGCTCAAGCAAAACCAACCATGAGGTGCGGTGCTC 60
DB 58 TTGTTTGTGAAGCTGACGCTCAAGCAAAACCAACCATGAGGTGCGGTGCTC 117
QY 61 CTGCTGTCACGCTGAGCCCTCTGCTCTACAGGCCAATGCGAGTTCTGCCAGCTCT 120
DB 118 CTGCTGTCACGCTGAGCCCTCTGCTCTACAGGCCAATGCGAGTTCTGCCAGCTCT 177
QY 121 GTTTCGAGCTGTGAATCTTCTTCATTAGTGAACCTCTGTCAAGTTAGTCTTGC 180
DB 178 GTTTCGAGCTGTGAATCTTCTTCATTAGTGAACCTCTGTCAAGTTAGTCTTGC 237
QY 181 AATTGATGCCCCCTCCGGAAGCTGTGGAGCCAAATTAGAGTGAAGATGACCGAT 240
DB 238 AATTGATGCCCCCTCCGGAAGCTGTGGAGCCAAATTAGAGTGAAGATGACCGAT 297

QY 241 CAGATGTCCTTCAGAAAGCAAGCCCTCATTCGGAAGTCTGGTGAATAATTGAAGAA 300
DB 298 CAGATGTCCTTCAGAAAGCAAGCCCTCATTCGGAAGTCTGGTGAATAATTGAAGAA 357
QY 301 TGTAGTGTGACATGTAAATAATTGATTCCTGCTTCCAGTCTTTCAATGACACCT 360
DB 358 TGTAGTGTGACATGTAAATAATTGATTCCTGCTTCCAGTCTTTCAATGACACCT 417
QY 361 GATCTTCACGCGAATGTAAAGTTTCAACGCTTGTATATCACTTGTCTCC 420
DB 418 GATCTTCACGCGAATGTAAAGTTTCAACGCTTGTATATCACTTGTCTCC 477
QY 421 A 421
DB 478 A 478

RESULT 5

US-10-131-410-58
; Sequence 58, Application US/10131410
; Publication No. US20030235915A1
; GENERAL INFORMATION:
; APPLICANT: SPECHT, THOMAS
; APPLICANT: HINZMAN, BERND
; APPLICANT: SCHMITT, ARMIN
; APPLICANT: PILARSKY, CHRISTIAN
; APPLICANT: DAHL, EDGAR
; APPLICANT: ROSENTHAL, ANDRE
; TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM TISSUE OF BREAST
; TITLE OF INVENTION: TUMORS
; FILE REFERENCE: SCH-1763
; CURRENT APPLICATION NUMBER: US/10/131,410
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: 09/646,673
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: PCT/DE99/00908
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 202
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 494
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-410-58

Query Match 96.6%; Score 421; DB 15; Length 494;
Best Local Similarity 100.0%; Pred. No. 1.8e-124;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTGTTTGTGAAGCTGACGCTCAAGCAAAACCAACCATGAGGTGCGGTGCTC 60
DB 70 TTGTTTGTGAAGCTGACGCTCAAGCAAAACCAACCATGAGGTGCGGTGCTC 129
QY 61 CTGCTGTCACGCTGAGCCCTCTGCTCTACAGGCCAATGCGAGTTCTGCCAGCTCT 120
DB 130 CTGCTGTCACGCTGAGCCCTCTGCTCTACAGGCCAATGCGAGTTCTGCCAGCTCT 189
QY 121 GTTTCGAGCTGTGAATCTTCTTCATTAGTGAACCTCTGTCAAGTTAGTCTTGC 180
DB 190 GTTTCGAGCTGTGAATCTTCTTCATTAGTGAACCTCTGTCAAGTTAGTCTTGC 249
QY 181 AATTGATGCCCCCTCCGGAAGCTGTGGAGCCAAATTAGAGTGAAGATGACCGAT 240
DB 250 AATTGATGCCCCCTCCGGAAGCTGTGGAGCCAAATTAGAGTGAAGATGACCGAT 309
QY 241 CAGATGTCCTTCAGAAAGCAAGCCCTCATTCGGAAGTCTGGTGAATAATTGAAGAA 300
DB 310 CAGATGTCCTTCAGAAAGCAAGCCCTCATTCGGAAGTCTGGTGAATAATTGAAGAA 369
QY 301 TGTAGTGTGACATGTAAATAATTGATTCCTGCTTCCAGTCTTTCAATGACACCT 360
DB 370 TGTAGTGTGACATGTAAATAATTGATTCCTGCTTCCAGTCTTTCAATGACACCT 429

QY 361 GATCTTCACTGCGAAGTGTAAAGTTTCAACGCTCTTGTATTAATCACTGCTCTCC 420
DB 430 GATCTTCACTGCGAAGTGTAAAGTTTCAACGCTCTTGTATTAATCACTGCTCTCC 489
QY 421 A 421
DB 490 A 490

RESULT 6

US-10-058-270A-83
Sequence 83, Application US/10058270A
Publication No. US20040029114A1
GENERAL INFORMATION:
APPLICANT: Mack, David H.
APPLICANT: Gish, Kurt C.
APPLICANT: Afari, Daniel
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of diagnosis of Breast Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Breast Cancer
FILE REFERENCE: 018501-005210US
CURRENT APPLICATION NUMBER: US/10/058,270A
PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: US 60/263,965
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/265,928
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 09/829,472
PRIOR FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: US 60/282,698
PRIOR FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: US 60/288,590
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/294,443
PRIOR FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 141
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 83
LENGTH: 444
TYPE: DNA
ORGANISM: Homo sapiens
US-10-058-270A-83

Query Match 96.0%; Score 418.4; DB 12; Length 444;
Best Local Similarity 99.8%; Pred. No. 1.2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTTGTAAAGTGTAGCTCAACGCAAAACCAACCATGAGCTGCGTGTCTC 60
DB 25 TTGTTTGTAAAGTGTAGCTCAACGCAAAACCAACCATGAGCTGCGTGTCTC 84
QY 61 CTGCTGTACAGCTGCGCTCTGCTGCTACAGGCGCAATGCGGAGTTTCCAGCTCTT 120
DB 85 CTGCTGTACAGCTGCGCTCTGCTGCTACAGGCGCAATGCGGAGTTTCCAGCTCTT 144
QY 121 GTTTCGAGCTGTAGACTCTTCTTCATTAGTGAACCTCTGTCAAGTTAAGCTTGGC 180
DB 145 GTTTCGAGCTGTAGACTCTTCTTCATTAGTGAACCTCTGTCAAGTTAAGCTTGGC 204
QY 181 AAATTGTAGTCCCTCCCGAAGCTGTGCAAGCCAGTTAGAGTGAAGATGACGAGT 240
DB 205 AAATTGTAGTCCCTCCCGAAGCTGTGCAAGCCAGTTAGAGTGAAGATGACGAGT 264
QY 241 CAGATGTCCTTCAGAAAGCAAGCTCATGCGGAGTCTGTGTAATAATTGAAGAA 300
DB 265 CAGATGTCCTTCAGAAAGCAAGCTCATGCGGAGTCTGTGTAATAATTGAAGAA 324
QY 301 TGTAGTGTGCAATGTAAACTTTTCATCTGCTTCCATGCTCTTCAATGACAGCTT 360
DB 325 TGTAGTGTGCAATGTAAACTTTTCATCTGCTTCCATGCTCTTCAATGACAGCTT 384
QY 361 GATCTTCACTGCGAAGTGTAAAGTTTCAACGCTCTTGTATTAATCACTGCTCTCC 420

DB 385 GATCTTCACTGCGAAGTGTAAAGTTTCAACGCTCTTGTATTAATCACTGCTCTAC 444

RESULT 7

US-10-097-340-180
Sequence 180, Application US/10097340
Publication No. US20030087250A1
GENERAL INFORMATION:
APPLICANT: John MONAHAN
APPLICANT: Manjula GANNAVARAPU
APPLICANT: Sebastian HOERSCHE
APPLICANT: Shubhangi KAMATKAR
APPLICANT: Steve G. KOVATS
APPLICANT: Rachel E. MEYERS
APPLICANT: Michael MORRISSEY
APPLICANT: Peter OLANDT
APPLICANT: Ami SEN
APPLICANT: Peter VEIBY
APPLICANT: Gordon B. MILLS
APPLICANT: Robert C. BAST, Jr.
APPLICANT: Karen LU
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Xumel ZHAO
APPLICANT: Karen GLATT
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
PRIOR FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
SOFTWARE: PatsSeq for Windows Version 4.0
SEQ ID NO 180
LENGTH: 444
TYPE: DNA
ORGANISM: Homo sapiens
US-10-097-340-180

Query Match 96.0%; Score 418.4; DB 14; Length 444;
Best Local Similarity 99.8%; Pred. No. 1.2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTTGTAAAGTGTAGCTCAACGCAAAACCAACCATGAGCTGCGTGTCTC 60
DB 25 TTGTTTGTAAAGTGTAGCTCAACGCAAAACCAACCATGAGCTGCGTGTCTC 84
QY 61 CTGCTGTACAGCTGCGCTCTGCTGCTACAGGCGCAATGCGGAGTTTCCAGCTCTT 120
DB 85 CTGCTGTACAGCTGCGCTCTGCTGCTACAGGCGCAATGCGGAGTTTCCAGCTCTT 144
QY 121 GTTTCGAGCTGTAGACTCTTCTTCATTAGTGAACCTCTGTCAAGTTAAGCTTGGC 180
DB 145 GTTTCGAGCTGTAGACTCTTCTTCATTAGTGAACCTCTGTCAAGTTAAGCTTGGC 204
QY 181 AAATTGTAGTCCCTCCCGAAGCTGTGCAAGCCAGTTAGAGTGAAGATGACGAGT 240
DB 205 AAATTGTAGTCCCTCCCGAAGCTGTGCAAGCCAGTTAGAGTGAAGATGACGAGT 264
QY 241 CAGATGTCCTTCAGAAAGCAAGCTCATGCGGAGTCTGTGTAATAATTGAAGAA 300

Db 265 CAGATGTCCTCCAGAAACGACAGCTTCATTCGCGAAGCTCTGTGAAAATATTGAAGAA 324
QY 301 TGTAGTGTGACATGTAAAACTTTCATCTGTTTCCATGCTCTTTCAATGACACCT 360
Db 325 TGTAGTGTGACATGTAAAACTTTCATCTGTTTCCATGCTCTTTCAATGACACCT 384
QY 361 GATCTTCACTGCAAGATGTAAAGTTTCAACGCTCTGCTTAAATAATCACTTGCCTCC 420
Db 385 GATCTTCACTGCAAGATGTAAAGTTTCAACGCTCTGCTTAAATAATCACTTGCCTTAC 444

RESULT 8
US-10-177-293-271
Sequence 271, Application US/10177293
Publication No. US20030124128A1
GENERAL INFORMATION:
APPLICANT: Lilille, James
APPLICANT: Glatz, Karen
APPLICANT: Zhao, Xumei
APPLICANT: Gannavarpu, Manjula
APPLICANT: Kamachar, Shubhangi
APPLICANT: Mertens, Maureen
APPLICANT: Myer, Vic
APPLICANT: Wang, Youzhen
APPLICANT: Xu, Yongyao
APPLICANT: Hoersch, Sebastian
APPLICANT: Monahan, John
APPLICANT: Meyers, Rachel E.
APPLICANT: Bast Jr., Robert C.
APPLICANT: Hortobagyi, Gabriel N.
APPLICANT: Pusztai, Lajos
APPLICANT: Meric, Funda
APPLICANT: Sahin, Aysegul
APPLICANT: Mills, Gordon B.
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: PREVENTION, AND THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-038
CURRENT APPLICATION NUMBER: US/10/177,293
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 60/299,887
PRIOR FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: US 60/301,572
PRIOR FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: US 60/306,501
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: US 60/325,002
PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: US 60/362,585
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 60/xxx,xxx
PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 506
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 271
LENGTH: 444
TYPE: DNA
ORGANISM: Homo sapiens
US-10-177-293-271

Query Match 96.0%; Score 418.4; DB 14; Length 444;
Best Local Similarity 99.8%; Pred. No. 1.2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTTGAAGGTGAGCTCAGCAAGCAAGCCACATGAAAGCTGTGCTGCTC 60
Db 25 TTGTTTGAAGGTGAGCTCAGCAAGCAAGCCACATGAAAGCTGTGCTGCTC 84
QY 61 CTGCTGTACGCTGCGCTCTGTGCTACAGGCCCAATGCCAGTTTTCGCCAGCTCTT 120
Db 85 CTGCTGTACGCTGCGCTCTGTGCTACAGGCCCAATGCCAGTTTTCGCCAGCTCTT 144
QY 121 GTTCTGAGCTGTAGACTTCTTCTCATTTAGTAAGCTGTGTAAGTTAAGTCTTGC 180

Db 145 GTTCTGAGCTGTAGACTTCTTCTCATTTAGTAAGCTGTGTAAGTTAAGTCTTGC 204
QY 181 AAATTTGATGCGCCCTCCGGAAGCTGTGCAAGCCAAAGTTAGAGTGAAGATGACGGAT 240
Db 205 AAATTTGATGCGCCCTCCGGAAGCTGTGCAAGCCAAAGTTAGAGTGAAGATGACGGAT 264
QY 241 CAGATGTCCTCCAGAAACGACGCTCATTCGCGAAGCTCTGTGAAAATATTGAAGAA 300
Db 265 CAGATGTCCTCCAGAAACGACGCTCATTCGCGAAGCTCTGTGAAAATATTGAAGAA 324
QY 301 TGTAGTGTGACATGTAAAACTTTCATCTGTTTCCATGCTCTTTCAATGACACCT 360
Db 325 TGTAGTGTGACATGTAAAACTTTCATCTGTTTCCATGCTCTTTCAATGACACCT 384
QY 361 GATCTTCACTGCAAGATGTAAAGTTTCAACGCTCTGCTTAAATAATCACTTGCCTCC 420
Db 385 GATCTTCACTGCAAGATGTAAAGTTTCAACGCTCTGCTTAAATAATCACTTGCCTTAC 444

RESULT 9
US-09-825-301-76
Sequence 76, Application US/09825301
Patent No. US20020009738A1
GENERAL INFORMATION:
APPLICANT: Houghton, Raymond L.
APPLICANT: Dillon, David C.
APPLICANT: Molesh, David A.
APPLICANT: Xu, Jiangchun
APPLICANT: Zehentner, Barbara
APPLICANT: Persing, David H.
TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
TITLE OF INVENTION: AND MONITORING OF BREAST CANCER
FILE REFERENCE: 210121.513
CURRENT APPLICATION NUMBER: US/09/825,301
CURRENT FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 76
LENGTH: 463
TYPE: DNA
ORGANISM: Homo sapiens
US-09-825-301-76

Query Match 96.0%; Score 418.4; DB 9; Length 463;
Best Local Similarity 99.8%; Pred. No. 1.2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTTGAAGGTGAGCTCAGCAAGCAAGCCACATGAAAGCTGTGCTGCTC 60
Db 44 TTGTTTGAAGGTGAGCTCAGCAAGCAAGCCACATGAAAGCTGTGCTGCTC 103
QY 61 CTGCTGTACGCTGCGCTCTGTGCTACAGGCCCAATGCCAGTTTTCGCCAGCTCTT 120
Db 104 CTGCTGTACGCTGCGCTCTGTGCTACAGGCCCAATGCCAGTTTTCGCCAGCTCTT 163
QY 121 GTTCTGAGCTGTAGACTTCTTCTCATTTAGTAAGCTGTGTAAGTTAAGTCTTGC 180
Db 164 GTTCTGAGCTGTAGACTTCTTCTCATTTAGTAAGCTGTGTAAGTTAAGTCTTGC 223
QY 181 AAATTTGATGCGCCCTCCGGAAGCTGTGCAAGCCAAAGTTAGAGTGAAGATGACGGAT 240
Db 224 AAATTTGATGCGCCCTCCGGAAGCTGTGCAAGCCAAAGTTAGAGTGAAGATGACGGAT 283
QY 241 CAGATGTCCTCCAGAAACGACGCTCATTCGCGAAGCTCTGTGAAAATATTGAAGAA 300
Db 284 CAGATGTCCTCCAGAAACGACGCTCATTCGCGAAGCTCTGTGAAAATATTGAAGAA 343
QY 301 TGTAGTGTGACATGTAAAACTTTCATCTGTTTCCATGCTCTTTCAATGACACCT 360
Db 344 TGTAGTGTGACATGTAAAACTTTCATCTGTTTCCATGCTCTTTCAATGACACCT 403
QY 361 GATCTTCACTGCAAGATGTAAAGTTTCAACGCTCTGCTTAAATAATCACTTGCCTCC 420

Db 404 GATCTTCACTGCGAAGATGTAAAGTTTCAACGCTTCTTTAATAATCACTTGTCTTAC 463

RESULT 10
US-09-110-716-28
Sequence 28, Application US/09110716A
Patent No. US20020034739A1
GENERAL INFORMATION:
APPLICANT: Lehrer, Robert I.
APPLICANT: Zhao, Chengquan
APPLICANT: Glasgow, Benjamin J.
FILE OF INVENTION: PEPTIDES CHARACTERISTIC OF CERTAIN TUMORS
FILE REFERENCE: 22000-20596.00
CURRENT APPLICATION NUMBER: US/09/110,716A
CURRENT FILING DATE: 1998-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 28
LENGTH: 463
TYPE: DNA
ORGANISM: Lipophilin B
FEATURE:
NAME/KEY: CDS
LOCATION: (83) .. (352)
US-09-110-716-28

Query Match 96.0%; Score 418.4; DB 9; Length 463;
Best Local Similarity 99.8%; Pred. No. 1,2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTTGAAGAGTGTACAGCAAAACAAGCCATGAAGCTGTGCGTGTCTC 60
DB 44 TTGTTTGAAGAGTGTACAGCAAAACAAGCCATGAAGCTGTGCGTGTCTC 103
QY 61 CTGCTGTCAAGCTGTGCGCTCTGTGTACAGGCGCAATGCGAGTTTCCAGCTCTT 120
DB 104 CTGCTGTCAAGCTGTGCGCTCTGTGTACAGGCGCAATGCGAGTTTCCAGCTCTT 163
QY 121 GTTTCAGAGCTGTAGACTCTTCTTATTAAGTGAACCTGTGTTCAAGTTAAGTCTTGC 180
DB 164 GTTTCAGAGCTGTAGACTCTTCTTATTAAGTGAACCTGTGTTCAAGTTAAGTCTTGC 223
QY 181 AAATTTGATGCGCTCCGGAAGCTGTTCAGCAAGTTAGAGTGAAGATGCAAGAT 240
DB 224 AAATTTGATGCGCTCCGGAAGCTGTTCAGCAAGTTAGAGTGAAGATGCAAGAT 283
QY 241 CAGATGTCCTTCGGAAGCAAGCTTATGCGGAAGTCTGTGTAATAATTGAAGAA 300
DB 284 CAGATGTCCTTCGGAAGCAAGCTTATGCGGAAGTCTGTGTAATAATTGAAGAA 343
QY 301 TGTAGTGTGACATGTAAAACTTTTCATCTGTTTCCACTGTCTTCAATGACACCT 360
DB 344 TGTAGTGTGACATGTAAAACTTTTCATCTGTTTCCACTGTCTTCAATGACACCT 403
QY 361 GATTTTCACTGCAAGATGAAGTTTCAAGCTTCTTAAATCACTTGTCTTCC 420
DB 404 GATTTTCACTGCAAGATGAAGTTTCAAGCTTCTTAAATCACTTGTCTTCC 463

RESULT 11
US-09-905-673-10
Sequence 10, Application US/090905673
Publication No. US20030059432A1
GENERAL INFORMATION:
APPLICANT: Dillon, Davin C.
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
FILE REFERENCE: 210121.498C1
CURRENT APPLICATION NUMBER: US/09/905,673
CURRENT FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 67

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10
LENGTH: 463
TYPE: DNA
ORGANISM: Homo sapiens
US-09-905-673-10

Query Match 96.0%; Score 418.4; DB 10; Length 463;
Best Local Similarity 99.8%; Pred. No. 1,2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTTGAAGAGTGTACAGCAAAACAAGCCATGAAGCTGTGCGTGTCTC 60
DB 44 TTGTTTGAAGAGTGTACAGCAAAACAAGCCATGAAGCTGTGCGTGTCTC 103
QY 61 CTGCTGTCAAGCTGTGCGCTCTGTGTACAGGCGCAATGCGAGTTTCCAGCTCTT 120
DB 104 CTGCTGTCAAGCTGTGCGCTCTGTGTACAGGCGCAATGCGAGTTTCCAGCTCTT 163
QY 121 GTTTCAGAGCTGTAGACTCTTCTTATTAAGTGAACCTGTGTTCAAGTTAAGTCTTGC 180
DB 164 GTTTCAGAGCTGTAGACTCTTCTTATTAAGTGAACCTGTGTTCAAGTTAAGTCTTGC 223
QY 181 AAATTTGATGCGCTCCGGAAGCTGTTCAGCAAGTTAGAGTGAAGATGCAAGAT 240
DB 224 AAATTTGATGCGCTCCGGAAGCTGTTCAGCAAGTTAGAGTGAAGATGCAAGAT 283
QY 241 CAGATGTCCTTCGGAAGCAAGCTTATGCGGAAGTCTGTGTAATAATTGAAGAA 300
DB 284 CAGATGTCCTTCGGAAGCAAGCTTATGCGGAAGTCTGTGTAATAATTGAAGAA 343
QY 301 TGTAGTGTGACATGTAAAACTTTTCATCTGTTTCCACTGTCTTCAATGACACCT 360
DB 344 TGTAGTGTGACATGTAAAACTTTTCATCTGTTTCCACTGTCTTCAATGACACCT 403
QY 361 GATTTTCACTGCAAGATGAAGTTTCAAGCTTCTTAAATCACTTGTCTTCC 420
DB 404 GATTTTCACTGCAAGATGAAGTTTCAAGCTTCTTAAATCACTTGTCTTCC 463

RESULT 12
US-10-096-319-10
Sequence 10, Application US/10096319
Publication No. US20030170246A1
GENERAL INFORMATION:
APPLICANT: Fanger, Gary R.
APPLICANT: Houghton, Raymond L.
APPLICANT: Dillon, Davin C.
APPLICANT: Carter, Derrick
APPLICANT: Persing, David H.
TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
FILE REFERENCE: 210121.498C2
CURRENT APPLICATION NUMBER: US/10/096,319
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10
LENGTH: 463
TYPE: DNA
ORGANISM: Homo sapiens
US-10-096-319-10

Query Match 96.0%; Score 418.4; DB 14; Length 463;
Best Local Similarity 99.8%; Pred. No. 1,2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTTGAAGAGTGTACAGCAAAACAAGCCATGAAGCTGTGCGTGTCTC 60
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QY 61 CTGCTGTCAAGCTGTGCGCTCTGTGTACAGGCGCAATGCGAGTTTCCAGCTCTT 120

Db 104 CTGCTGACGCTGCGCCCTCTGCTGCTACAGGCGCAATGCGAGTTCTGCGCAGCTTT 163
 QY 121 GTTTCGAGCTGTAGACTCTTCTTCAATAGTGAACCTGTGTTCAAGTTAGCTTGC 180
 Db 164 GTTTCGAGCTGTAGACTCTTCTTCAATAGTGAACCTGTGTTCAAGTTAGCTTGC 223
 QY 181 AATTGATGCCCTCCGGAAGCTTTGACGCAAGTTAGAGTGAAGATGACGAT 240
 Db 224 AATTGATGCCCTCCGGAAGCTTTGACGCAAGTTAGAGTGAAGATGACGAT 283
 QY 241 CAGATGTCCTTCAGAAAGAAAGCTTCATGCGGAAGCTGTGGAATAATTTGAAGAA 300
 Db 284 CAGATGTCCTTCAGAAAGAAAGCTTCATGCGGAAGCTGTGGAATAATTTGAAGAA 343
 QY 301 TGTAGTGTGACATGTAAAAAATTCACTGCTGTTCACTGTCTTCAATGACACCT 360
 Db 344 TGTAGTGTGACATGTAAAAAATTCACTGCTGTTCACTGTCTTCAATGACACCT 403
 QY 361 GATCTTCACTGCAAGATGTAAAGTTTCAAGCTTGTGTTAAATCACTGCTTCC 420
 Db 404 GATCTTCACTGCAAGATGTAAAGTTTCAAGCTTGTGTTAAATCACTGCTTCC 463

RESULT 13

US-10-033-527-76
 ; Sequence 76, Application US/10033527
 ; Publication No. US20030170631A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Houghton, Raymond L.
 ; APPLICANT: Dillon, David C.
 ; APPLICANT: Molesch, David A.
 ; APPLICANT: Xu, Jianshun
 ; APPLICANT: Zehentner, Barbara
 ; APPLICANT: Persing, David H.
 ; TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
 ; TITLE OF INVENTION: AND MONITORING OF BREAST CANCER
 ; FILE REFERENCE: 210121.5131
 ; CURRENT APPLICATION NUMBER: US/10/033,527
 ; CURRENT FILING DATE: 2001-10-27
 ; NUMBER OF SEQ ID NOS: 77
 ; SOFTWARE: FastSeq for Windows Version 3.0
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 ; LENGTH: 463
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 ; ORGANISM: Homo sapiens
 ; US-10-033-527-76

Query Match 96.0%; Score 418.4; DB 14; Length 463;

Best Local Similarity 99.8%; Pred. No. 1,2e-123; Indels 0; Gaps 0;

Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTTGTAAAGCTGAGCTCAAGCAAAACAGCCACATGAGCTGTGCTGCTC 60
 Db 44 TTGTTTGTAAAGCTGAGCTCAAGCAAAACAGCCACATGAGCTGTGCTGCTC 103
 QY 61 CTGCTGTCACGCTGCGCCCTCTGCTGCTACAGGCGCAATGCGAGTTGCGCCAGCTTT 120
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 Db 164 GTTTCGAGCTGTAGACTCTTCTTCAATAGTGAACCTGTGTTCAAGTTAGCTTGC 223
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 QY 301 TGTAGTGTGACATGTAAAAAATTCACTGCTGTTCACTGTCTTCAATGACACCT 360

Db 344 TGTAGTGTGACATGTAAAAAATTCACTGCTGTTCACTGTCTTCAATGACACCT 403
 QY 361 GATCTTCACTGCAAGATGTAAAGTTTCAAGCTTGTGTTAAATCACTGCTTCC 420
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RESULT 14

US-09-778-320-85/c
 ; Sequence 85, Application US/09778320
 ; Patent No. US20010034052A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dillon, David C.
 ; APPLICANT: Day, Craig H.
 ; APPLICANT: Jiang, Jiguo
 ; APPLICANT: Houghton, Raymond L.
 ; APPLICANT: Mitcham, Jennifer
 ; APPLICANT: Wang, Tongtong
 ; APPLICANT: McNeill, Patricia D.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 ; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
 ; FILE REFERENCE: 210121.491C5
 ; CURRENT APPLICATION NUMBER: US/09/778,320
 ; CURRENT FILING DATE: 2001-02-06
 ; NUMBER OF SEQ ID NOS: 301
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 85
 ; LENGTH: 500
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(500)
 ; OTHER INFORMATION: n = A,T,C or G
 ; US-09-778-320-85

Query Match 94.4%; Score 411.6; DB 9; Length 500;

Best Local Similarity 98.6%; Pred. No. 1.9e-121; Indels 6; Gaps 0;

Matches 414; Conservative 0; Mismatches 6; Indels 6; Gaps 0;

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 QY 241 CAGATGTCCTTCAGAAAGAAAGCTTCATGCGGAAGCTGTGGAATAATTTGAAGAA 300
 Db 180 CAGATGTCCTTCAGAAAGAAAGCTTCATGCGGAAGCTGTGGAATAATTTGAAGAA 121
 QY 301 TGTAGTGTGACATGTAAAAAATTCACTGCTGTTCACTGTCTTCAATGACACCT 360
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 QY 361 GATCTTCACTGCAAGATGTAAAGTTTCAAGCTTGTGTTAAATCACTGCTTCC 420
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RESULT 15

US-09-910-689-85/c
 ; Sequence 85, Application US/09910689

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/ Patent No. US20020081609A1
/ GENERAL INFORMATION:
/ APPLICANT: Dillon, Davin C.
/ APPLICANT: Day, Craig H.
/ APPLICANT: Jiang, Yudiu
/ APPLICANT: Houghton, Raymond L.
/ APPLICANT: Mitcham, Jennifer
/ APPLICANT: Wang, Tongrong
/ APPLICANT: McNeill, Patricia D.
/ APPLICANT: Harlocker, Susan L.
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
/ FILE REFERENCE: 210121.491C6
/ CURRENT APPLICATION NUMBER: US/09/910,689
/ NUMBER OF SEQ ID NOS: 307
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 85
/ LENGTH: 500
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 9, 44, 494
/ OTHER INFORMATION: n = A,T,C or G
US-09-910-689-85

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Query Match      94.4%; Score 411.6; DB 9; Length 500;
Best Local Similarity 98.6%; Pred. No. 1,9e-121;
Matches 414; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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QY 1 TTGTTTGTAAGCTGAGCTCAAGCAAAACAGCCACCATGAGCTGCGTGTCTC 60
DB 420 TTGTTTGTAAGCTGAGCTCAAGCAAAACAGCCACCATGAGCTGCGTGTCTC 361
QY 61 CTGCTGCTAGAGCTGCGCTCTGCTGCTACGAGCCAAAGCCAGTTCTGCCAGCTCTT 120
DB 360 CTGCTGCTAGAGCTGCGCTCTGCTGCTACGAGCCAAAGCCAGTTCTGCCAGCTCTT 301
QY 121 GTTTCGAGCTGTAGACTTCTTCTTCATTAGTGAACCTGTGTCAAGTTAAGTTGCC 180
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QY 181 AAATTGATGCCCCCTCCGGAAGCTGTGAGCCAAAGTTAGAGTGAAGATGACGGAT 240
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QY 301 TGTAGTGTGTGACATGTAATAAATTGATCCGTGTTTCACTGTCTTTCAATGACACCT 360
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Search completed: March 14, 2004, 15:32:21
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 11, 2004, 17:44:16 / Search time 34 Seconds
(without alignments)

558.935 Million cell updates/sec

Title: US-09-806-301-2

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Gapop 10.0, Gapext 0.5

Searched: 809742 seqs, 21153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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Published Applications AA:*

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18: /cgn2_6/prodata/1/pubppa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	450	100.0	90	9 US-09-825-301-77	Sequence 77, Appl
2	450	100.0	90	9 US-09-110-716-29	Sequence 29, Appl
3	450	100.0	90	9 US-09-934-054-1	Sequence 1, Appl
4	450	100.0	90	9 US-09-985-911-4	Sequence 4, Appl
5	450	100.0	90	10 US-09-975-502A-6	Sequence 6, Appl
6	450	100.0	90	10 US-09-905-673-2	Sequence 2, Appl
7	450	100.0	90	10 US-09-905-673-35	Sequence 35, Appl
8	450	100.0	90	14 US-10-097-340-181	Sequence 181, App
9	450	100.0	90	14 US-10-177-293-272	Sequence 272, App
10	450	100.0	90	14 US-10-096-319-2	Sequence 2, Appl
11	450	100.0	90	14 US-10-096-319-35	Sequence 35, Appl
12	450	100.0	90	14 US-10-033-527-77	Sequence 77, Appl
13	450	100.0	120	15 US-10-131-410-137	Sequence 137, App
14	450	100.0	182	15 US-09-905-673-61	Sequence 61, Appl
15	450	100.0	182	14 US-10-096-319-61	Sequence 61, Appl

16	447	99.3	90	10 US-09-905-673-36	Sequence 36, Appl
17	447	99.3	90	14 US-10-096-319-36	Sequence 36, Appl
18	445	98.9	90	10 US-09-905-673-41	Sequence 41, Appl
19	445	98.9	90	14 US-10-096-319-41	Sequence 41, Appl
20	445	98.9	90	10 US-09-905-673-60	Sequence 60, Appl
21	445	98.9	182	10 US-10-096-319-60	Sequence 60, Appl
22	440	97.8	90	14 US-09-905-673-40	Sequence 40, Appl
23	440	97.8	90	14 US-10-096-319-40	Sequence 40, Appl
24	436	96.9	90	14 US-09-905-673-37	Sequence 37, Appl
25	436	96.9	90	14 US-10-096-319-37	Sequence 37, Appl
26	435	96.7	90	14 US-09-905-673-39	Sequence 39, Appl
27	435	96.7	90	14 US-10-096-319-39	Sequence 39, Appl
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32	342	76.0	69	9 US-09-110-716-37	Sequence 37, Appl
33	342	76.0	145	10 US-09-905-673-62	Sequence 62, Appl
34	342	76.0	145	10 US-09-905-673-63	Sequence 63, Appl
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36	342	76.0	145	14 US-10-096-319-63	Sequence 63, Appl
37	277	61.6	90	9 US-09-985-911-2	Sequence 2, Appl
38	268	59.6	90	9 US-09-110-716-27	Sequence 27, Appl
39	254	56.4	102	14 US-10-263-828-125	Sequence 125, App
40	246	54.7	50	9 US-09-864-761-442A0	Sequence 442A0, A
41	238	52.9	83	9 US-09-989-723-260	Sequence 260, App
42	238	52.9	83	9 US-09-989-723-260	Sequence 260, App
43	238	52.9	83	9 US-09-989-727-260	Sequence 260, App
44	238	52.9	83	9 US-09-989-731-260	Sequence 260, App
45	238	52.9	83	9 US-09-989-731-260	Sequence 260, App

ALIGNMENTS

RESULT 1

US-09-825-301-77

Sequence 77, Application US/09825301

Patent No. US20020009738A1

GENERAL INFORMATION:

APPLICANT: Houghton, Raymond L.

APPLICANT: Dillon, David C.

APPLICANT: Molesn, David A.

APPLICANT: Xu, Jianshun

APPLICANT: Zehentner, Barbara

TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION

TITLE OF INVENTION: AND MONITORING OF BREAST CANCER

FILE REFERENCE: 210121.513

CURRENT APPLICATION NUMBER: US/09/825,301

CURRENT FILING DATE: 2001-04-02

NUMBER OF SEQ ID NOS: 77

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 77

LENGTH: 90

TYPE: PRT

ORGANISM: Homo sapiens

US-09-825-301-77

Query Match 100.0%; Score 450; DB 9; Length 90;

Best Local Similarity 100.0%; Pred. No. 3.9e-47;

Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MKLSVCLLVLTALCCYQANAFPAVSHLDFFISBPFLKSLAKFPAPPAVAKL 60

QY 61 GVRKCTDQMSIQKSLIAEVLYKIKCSV 90

DB 61 GVRKCTDQMSIQKSLIAEVLYKIKCSV 90

RESULT 2

US-09-110-716-29
 ; Sequence 29, Application US/09110716A
 ; Patent No. US20020034739A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lehrer, Robert I.
 ; APPLICANT: Zhao, Chengquan
 ; APPLICANT: Glasgow, Benjamin J.
 ; TITLE OF INVENTION: PEPTIDES CHARACTERISTIC OF CERTAIN TUMORS
 ; FILE REFERENCE: 22000-20596.00
 ; CURRENT APPLICATION NUMBER: US/09/110.716A
 ; CURRENT FILING DATE: 1998-07-07
 ; NUMBER OF SEQ ID NOS: 41
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 29
 ; LENGTH: 90
 ; TYPE: PRT
 ; ORGANISM: lipophilin B
 US-09-110-716-29

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 Best Local Similarity 100.0%; Pred. No. 3.9e-47;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 QY 61 GVKRCTDOMSLQKRSLSIAEVLVKILKCSV 90
 DB 61 GVKRCTDOMSLQKRSLSIAEVLVKILKCSV 90

RESULT 3
 US-09-934-054-1
 ; Sequence 1, Application US/09934054
 ; Patent No. US20020107385A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Akerdlow, Ingrid E.
 ; Hillman, Jennifer L.
 ; Murry, Lynn E.
 ; Goli, Surya K.
 ; Hawkins, Phillip R.
 ; TITLE OF INVENTION: BREAST TUMOR SPECIFIC PROTEINS
 ; NUMBER OF SEQUENCES: 13
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson P.C.
 ; STREET: 2200 Sand Hill Road, Suite 100
 ; CITY: Menlo Park
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94025-6936
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/934,054
 ; FILING DATE: 21-Aug-2001
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/747,547
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0077 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (650) 855-0555
 ; TELEFAX: (650) 845-4166
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 90 amino acids
 ; TYPE: amino acid

STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: <Unknown>
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-09-934-054-1

Query Match 100.0%; Score 450; DB 9; Length 90;
 Best Local Similarity 100.0%; Pred. No. 3.9e-47;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAAL 60
 DB 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSLAKFDAPPEAVAAL 60
 QY 61 GVKRCTDOMSLQKRSLSIAEVLVKILKCSV 90
 DB 61 GVKRCTDOMSLQKRSLSIAEVLVKILKCSV 90

RESULT 4
 US-09-985-911-4
 ; Sequence 4, Application US/09985911
 ; Patent No. US20020151012A1
 ; GENERAL INFORMATION:
 ; APPLICANT: NI ET AL.
 ; TITLE OF INVENTION: HUMAN ENDOMETRIAL SPECIFIC STEROID-BINDING FACTOR I, II AND III
 ; FILE REFERENCE: PF25703
 ; CURRENT APPLICATION NUMBER: US/09/985,911
 ; CURRENT FILING DATE: 2001-11-06
 ; PRIOR APPLICATION NUMBER: 09/583,169
 ; PRIOR FILING DATE: 2000-05-30
 ; PRIOR APPLICATION NUMBER: 09/263,810
 ; PRIOR FILING DATE: 1998-03-08
 ; PRIOR APPLICATION NUMBER: 08/821,451
 ; PRIOR FILING DATE: 1997-03-21
 ; PRIOR APPLICATION NUMBER: 60/014,724
 ; PRIOR FILING DATE: 1996-03-21
 ; NUMBER OF SEQ ID NOS: 27
 ; SOFTWARE: PatentIn version 3.1
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 ; LENGTH: 90
 ; TYPE: PRT
 ; ORGANISM: human
 US-09-985-911-4

Query Match 100.0%; Score 450; DB 9; Length 90;
 Best Local Similarity 100.0%; Pred. No. 3.9e-47;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 DB 61 GVKRCTDOMSLQKRSLSIAEVLVKILKCSV 90

RESULT 5
 US-09-975-502A-6
 ; Sequence 6, Application US/09975502A
 ; Publication No. US20030044859A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Abbott Laboratories
 ; APPLICANT: Henslee, Jerry G.
 ; APPLICANT: Friedman, Paula N.
 ; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
 ; DETECTING DISEASES OF THE BREAST
 ; FILE REFERENCE: 5972 US P7
 ; CURRENT APPLICATION NUMBER: US/09/975,502A
 ; CURRENT FILING DATE: 2002-06-10
 ; PRIOR APPLICATION NUMBER: US 09/467,602
 ; PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: US 09/215,818
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: US 08/912,276
PRIOR FILING DATE: 1997-08-15
PRIOR APPLICATION NUMBER: US 08/697,105
PRIOR FILING DATE: 1996-08-19
PRIOR APPLICATION NUMBER: US 08/912,149
PRIOR FILING DATE: 1997-08-15
PRIOR APPLICATION NUMBER: US 08/697,106
PRIOR FILING DATE: 1996-08-19
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-09-975-502A-6

Query Match 100.0%; Score 450; DB 10; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 6
US-09-905-673-2
Sequence 2, Application US/09905673
Publication No. US20030059432A1
GENERAL INFORMATION:
APPLICANT: Dillon, Davin C.
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
FILE REFERENCE: 210121.498C1
CURRENT APPLICATION NUMBER: US/09/905,673
CURRENT FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 67
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-09-905-673-2

Query Match 100.0%; Score 450; DB 10; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVTLALCCYQNAEFCPALVSELDFFPISPLFKLSLAKDPPEAVAAKL 60
DB 1 MKLSVCLLVTLALCCYQNAEFCPALVSELDFFPISPLFKLSLAKDPPEAVAAKL 60
61 GVKRCTDQMSLQKRSLSIAEVLVXILKKCSV 90
DB 61 GVKRCTDQMSLQKRSLSIAEVLVXILKKCSV 90

RESULT 7
US-09-905-673-35
Sequence 35, Application US/09905673
Publication No. US20030059432A1
GENERAL INFORMATION:
APPLICANT: Dillon, Davin C.
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
FILE REFERENCE: 210121.498C1
CURRENT APPLICATION NUMBER: US/09/905,673
CURRENT FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 67
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-09-905-673-2

FILE REFERENCE: 210121.498C1
CURRENT APPLICATION NUMBER: US/09/905,673
CURRENT FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 67
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 35
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-09-905-673-35

Query Match 100.0%; Score 450; DB 10; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVTLALCCYQNAEFCPALVSELDFFPISPLFKLSLAKDPPEAVAAKL 60
DB 1 MKLSVCLLVTLALCCYQNAEFCPALVSELDFFPISPLFKLSLAKDPPEAVAAKL 60
61 GVKRCTDQMSLQKRSLSIAEVLVXILKKCSV 90
DB 61 GVKRCTDQMSLQKRSLSIAEVLVXILKKCSV 90

RESULT 8
US-10-097-340-181
Sequence 181, Application US/10097340
Publication No. US20030087250A1
GENERAL INFORMATION:
APPLICANT: John MONAHAN
APPLICANT: Manjula GANNAVAPU
APPLICANT: Sebastian HOERSCH
APPLICANT: Shubhangi KAWATPAR
APPLICANT: Steve G. KOVATS
APPLICANT: Rachel E. MEYERS
APPLICANT: Michael MORRISSEY
APPLICANT: Peter OLANDT
APPLICANT: Ami SEN
APPLICANT: Peter VEIRBY
APPLICANT: Gordon B. WILLS
APPLICANT: Robert C. BAST, Jr.
APPLICANT: Karen LU
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Xumei ZHAO
APPLICANT: Karen GLATT
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
Assessment, Prevention, and Therapy of Ovarian Cancer
FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/325,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 181
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-10-097-340-181

Query Match 100.0%; Score 450; DB 14; Length 90;

Best Local Similarity 100.0%; Pred. No. 3.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSIAKFDAPPEAVAAKL 60
Db 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSIAKFDAPPEAVAAKL 60

QY 61 GVKRCTDQMSLQKRSLIAEVLVKILKCSV 90
Db 61 GVKRCTDQMSLQKRSLIAEVLVKILKCSV 90

RESULT 9
US-10-177-293-272
Sequence 272; Application US/10177293
Publication No. US20030124128A1

GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Zhao, Xumei
APPLICANT: Gannavarpu, Manjula
APPLICANT: Kamatkar, Shubhangi
APPLICANT: Mertens, Maureen
APPLICANT: Myer, Vic
APPLICANT: Wang, Youzhen
APPLICANT: Xu, Yongyao
APPLICANT: Hoersch, Sebastian
APPLICANT: Monahan, John
APPLICANT: Meyers, Rachel E.
APPLICANT: Baer Jr., Robert C.
APPLICANT: Horvobagyi, Gabriel N.
APPLICANT: Pusztai, Lajos
APPLICANT: Meric, Funda
APPLICANT: Samin, Ayesgul
APPLICANT: Mills, Gordon B.
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: PREVENTION, AND THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-038
CURRENT APPLICATION NUMBER: US/10/177,293
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 60/299,887
PRIOR FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: US 60/301,572
PRIOR FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: US 60/306,501
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: US 60/325,002
PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: US 60/362,585
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 60/xxx,xxx
PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 506
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 272
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-10-177-293-272

Query Match 100.0%; Score 450; DB 14; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSIAKFDAPPEAVAAKL 60
Db 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSIAKFDAPPEAVAAKL 60

QY 61 GVKRCTDQMSLQKRSLIAEVLVKILKCSV 90
Db 61 GVKRCTDQMSLQKRSLIAEVLVKILKCSV 90

RESULT 10
US-10-096-319-2
Sequence 2; Application US/10096319
Publication No. US20030170246A1

GENERAL INFORMATION:
APPLICANT: Fanger, Gary R.
APPLICANT: Durham, Margarita
APPLICANT: Houghton, Raymond L.
APPLICANT: Dillon, David C.
APPLICANT: Carter, Darrick
APPLICANT: Persing, David H.
TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
TITLE OF INVENTION: DIAGNOSIS AND THERAPY
FILE REFERENCE: 210121.498C2
CURRENT APPLICATION NUMBER: US/10/096,319
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapien
US-10-096-319-2

Query Match 100.0%; Score 450; DB 14; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSIAKFDAPPEAVAAKL 60
Db 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSIAKFDAPPEAVAAKL 60

QY 61 GVKRCTDQMSLQKRSLIAEVLVKILKCSV 90
Db 61 GVKRCTDQMSLQKRSLIAEVLVKILKCSV 90

RESULT 11
US-10-096-319-35
Sequence 35; Application US/10096319
Publication No. US20030170246A1
GENERAL INFORMATION:
APPLICANT: Fanger, Gary R.
APPLICANT: Durham, Margarita
APPLICANT: Houghton, Raymond L.
APPLICANT: Dillon, David C.
APPLICANT: Carter, Darrick
APPLICANT: Persing, David H.
TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
TITLE OF INVENTION: DIAGNOSIS AND THERAPY
FILE REFERENCE: 210121.498C2
CURRENT APPLICATION NUMBER: US/10/096,319
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 35
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-10-096-319-35

Query Match 100.0%; Score 450; DB 14; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSIAKFDAPPEAVAAKL 60
Db 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISEPLFKLSIAKFDAPPEAVAAKL 60

QY 61 GVKRCTDQMSLQKRSLIAEVLVKILKCSV 90
Db 61 GVKRCTDQMSLQKRSLIAEVLVKILKCSV 90

RESULT 12
US-10-033-527-77
; Sequence 77, Application US/10033527
; Publication No. US20030170631A1
; GENERAL INFORMATION:
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Dillon, David C.
; APPLICANT: Molesn, David A.
; APPLICANT: Xu, Jianshun
; APPLICANT: Zehentner, Barbara
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
; TITLE OF INVENTION: AND MONITORING OF BREAST CANCER
; FILE REFERENCE: 210121.513C1
; CURRENT APPLICATION NUMBER: US/10/033,527
; CURRENT FILING DATE: 2001-10-27
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 77
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-527-77

Query Match 100.0%; Score 450; DB 14; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFFISEPLFKLSLAKPDAPPAVAATL 60
DB 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFFISEPLFKLSLAKPDAPPAVAATL 60
QY 61 GVRCTDQMSLOKRSLLAEVLVKILKCSV 90
DB 61 GVRCTDQMSLOKRSLLAEVLVKILKCSV 90

RESULT 13
US-10-131-410-137
; Sequence 137, Application US/10131410
; Publication No. US20030235915A1
; GENERAL INFORMATION:
; APPLICANT: SPECHT, THOMAS
; APPLICANT: HINZMANN, BERND
; APPLICANT: SCHMITT, ARMIN
; APPLICANT: PILARSKY, CHRISTIAN
; APPLICANT: DAHL, EDGAR
; APPLICANT: ROSENTHAL, ANDRE
; TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM TISSUE OF BREAST
; TITLE OF INVENTION: TUMORS
; FILE REFERENCE: SCH-1763
; CURRENT APPLICATION NUMBER: US/10/131,410
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: 09/646,673
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: PCT/DE99/00908
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 202
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 137
; LENGTH: 120
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-131-410-137

Query Match 100.0%; Score 450; DB 15; Length 120;
Best Local Similarity 100.0%; Pred. No. 5.4e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFFISEPLFKLSLAKPDAPPAVAATL 60
DB 31 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFFISEPLFKLSLAKPDAPPAVAATL 90

QY 61 GVRCTDQMSLOKRSLLAEVLVKILKCSV 90
DB 91 GVRCTDQMSLOKRSLLAEVLVKILKCSV 120

RESULT 14
US-09-905-673-61
; Sequence 61, Application US/09905673
; Publication No. US20030059432A1
; GENERAL INFORMATION:
; APPLICANT: Dillon, David C.
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
; TITLE OF INVENTION: DIAGNOSIS AND THERAPY
; FILE REFERENCE: 210121.498C1
; CURRENT APPLICATION NUMBER: US/09/905,673
; CURRENT FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 182
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-673-61

Query Match 100.0%; Score 450; DB 10; Length 182;
Best Local Similarity 100.0%; Pred. No. 8.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFFISEPLFKLSLAKPDAPPAVAATL 60
DB 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFFISEPLFKLSLAKPDAPPAVAATL 60
QY 61 GVRCTDQMSLOKRSLLAEVLVKILKCSV 90
DB 61 GVRCTDQMSLOKRSLLAEVLVKILKCSV 90

RESULT 15
US-10-096-319-61
; Sequence 61, Application US/10096319
; Publication No. US20030170246A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary R.
; APPLICANT: Durham, Margarita
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Dillon, David C.
; APPLICANT: Carter, Darick
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
; TITLE OF INVENTION: DIAGNOSIS AND THERAPY
; FILE REFERENCE: 210121.498C2
; CURRENT APPLICATION NUMBER: US/10/096,319
; CURRENT FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 182
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-096-319-61

Query Match 100.0%; Score 450; DB 14; Length 182;
Best Local Similarity 100.0%; Pred. No. 8.9e-47;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFFISEPLFKLSLAKPDAPPAVAATL 60
DB 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFFISEPLFKLSLAKPDAPPAVAATL 60
QY 61 GVRCTDQMSLOKRSLLAEVLVKILKCSV 90

Mon Mar 15 09:44:24 2004

us-09-806-301-2.rapb

Page 6

Db 61 GYKCTDQMSLOKRSIAEYLVKIKKCSV 90

Search completed: March 11, 2004, 17:50:03
Job time : 35 secs

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OM protein - protein search, using sw model

Run on: March 11, 2004, 17:39:30 ; Search time 22 Seconds
(without alignments)
211.197 Million cell updates/sec

Title: US-09-806-301-2

Perfect score: 450

Sequence: 1 MTLASVCLLVLTALCCYQAN.....LGRSLIAEVLYKIKCSV 90

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database:

Issued Patents AA:*
1: /cgn2_6/prodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/prodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/prodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/prodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/prodata/2/iaa/6C_COMB.pep:*
6: /cgn2_6/prodata/2/iaa/backfill1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	450	100.0	90	3	US-08-821-451A-4
2	450	100.0	90	3	US-09-263-810-4
3	450	100.0	90	3	US-08-912-276-15
4	450	100.0	90	4	US-09-583-169-4
5	450	100.0	90	4	US-09-215-818-6
6	450	100.0	90	4	US-08-467-602A-6
7	342	76.0	69	3	US-08-912-276-23
8	277	61.6	90	3	US-08-821-451A-2
9	277	61.6	90	3	US-09-263-810-2
10	277	61.6	90	3	US-09-583-169-2
11	244	54.2	79	4	US-09-673-395A-200
12	219	48.7	45	3	US-08-912-276-22
13	202	44.9	90	3	US-08-821-451A-25
14	202	44.9	90	3	US-08-821-451A-26
15	202	44.9	90	3	US-08-263-810-25
16	202	44.9	90	3	US-09-263-810-26
17	202	44.9	90	4	US-09-583-169-25
18	202	44.9	90	4	US-09-583-169-26
19	202	44.9	91	1	US-08-455-896-6
20	110	24.4	91	2	US-08-933-149-8
21	110	24.4	91	2	US-08-082-343-8
22	110	24.4	91	3	US-09-082-253-8
23	110	24.4	91	4	US-08-987-505-1
24	110	24.4	91	4	US-09-162-622-8
25	110	24.4	91	4	US-09-509-015-8
26	110	24.4	91	5	PCT-US96-08235-8
27	101	22.4	22	3	US-08-912-276-21

28	80	17.8	15	3	US-08-912-276-16	Sequence 16, Appl
29	75.5	16.8	93	2	US-08-964-725-14	Sequence 14, Appl
30	75	16.7	15	3	US-08-912-276-19	Sequence 19, Appl
31	73	16.2	16	3	US-08-912-276-18	Sequence 18, Appl
32	72	16.0	16	3	US-08-912-276-17	Sequence 17, Appl
33	70	15.6	109	1	US-07-662-193-5	Sequence 5, Appl
34	70	15.6	109	3	US-08-300-928C-8	Sequence 8, Appl
35	70	15.6	109	3	US-08-430-944D-8	Sequence 8, Appl
36	70	15.6	109	3	US-08-430-014-8	Sequence 8, Appl
37	70	15.6	109	3	US-08-431-184-8	Sequence 8, Appl
38	69	15.3	1621	3	US-08-972-927-3	Sequence 3, Appl
39	66.5	14.8	224	1	US-08-287-959-6	Sequence 6, Appl
40	66.5	14.7	3079	5	PCT-US94-00198-4	Sequence 4, Appl
41	66	14.7	16	3	US-08-912-276-20	Sequence 20, Appl
42	62	13.8	109	1	US-07-807-529A-6	Sequence 6, Appl
43	62	13.8	109	5	PCT-US93-02462-6	Sequence 6, Appl
44	62	13.8	111	1	US-07-662-193-4	Sequence 4, Appl
45	62	13.8	111	3	US-08-300-928C-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1
US-08-821-451A-4
; Sequence 4, Application US/08821451A
; Patent No. 6066724
; GENERAL INFORMATION:
; APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
; TITLE OF INVENTION: Human Endometrial Specific Steroid-
; TITLE OF INVENTION: Binding Factor I, II and III
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAPELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/821,451A
; FILING DATE: March 21, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/014,724
; FILING DATE: March 21, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MILLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 90 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
; US-08-821-451A-4
; Query Match 100.0%; Score 450; DB 3; Length 90;
; Best Local Similarity 100.0%; Pred. No. 4.9e-45;
; Matches 90; Conservative 0; Mismatches 0; Indels 0;
; Gaps 0;
QY 1 MTLASVCLLVLTALCCYQANAFPCALVSEILDFFPISBPLFKSLAKFADAPPAVAKL 60

DB 1 MKLSVCLLVLTALCCYQANAEFCPLVSELDPFFISBPFLKLSIAKPDAPPEAVAAKL 60
QY 61 GVKRCTDOMSLQKRSIIAEVLVKILKCSV 90
DB 61 GVKRCTDOMSLQKRSIIAEVLVKILKCSV 90

RESULT 2

US-09-263-810-4
Sequence 4, Application US/09263810
Patent No. 6174992
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESS: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER PARK ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:

TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-263-810-4

Query Match 100.0%; Score 450; DB 3; Length 90;
Best Local Similarity 100.0%; Pred. No. 4.9e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPLVSELDPFFISBPFLKLSIAKPDAPPEAVAAKL 60
DB 1 MKLSVCLLVLTALCCYQANAEFCPLVSELDPFFISBPFLKLSIAKPDAPPEAVAAKL 60
QY 61 GVKRCTDOMSLQKRSIIAEVLVKILKCSV 90
DB 61 GVKRCTDOMSLQKRSIIAEVLVKILKCSV 90

RESULT 3

US-08-912-276-15
Sequence 15, Application US/08912276
Patent No. 6183952
GENERAL INFORMATION:
APPLICANT: Billing-Medel, Patricia A.
APPLICANT: Cohen, Maurice

APPLICANT: Colpitts, Tracey L.
APPLICANT: Friedman, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Granados, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klass, Michael R.
APPLICANT: Kratochvil, Jon D.
APPLICANT: Roberts-Rapp, Lisa
APPLICANT: Russell, John C.
APPLICANT: Stroupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,276
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5972.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:
LENGTH: 90 amino acids
TYPE: amino acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: No. 6183952e
US-08-912-276-15

Query Match 100.0%; Score 450; DB 3; Length 90;
Best Local Similarity 100.0%; Pred. No. 4.9e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPLVSELDPFFISBPFLKLSIAKPDAPPEAVAAKL 60
DB 1 MKLSVCLLVLTALCCYQANAEFCPLVSELDPFFISBPFLKLSIAKPDAPPEAVAAKL 60
QY 61 GVKRCTDOMSLQKRSIIAEVLVKILKCSV 90
DB 61 GVKRCTDOMSLQKRSIIAEVLVKILKCSV 90

RESULT 4
US-09-583-169-4
Sequence 4, Application US/09583169
Patent No. 633948

GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,

ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER PARK ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/583,169
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-583-169-4

Query Match 100.0%; Score 450; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. No. 4,9e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISSPLFKLSLAKDPAPPAVAKL 60
DB 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISSPLFKLSLAKDPAPPAVAKL 60
QY 61 GVKRCTDQMSLQKRSLSIAEVLVKILKKCV 90
DB 61 GVKRCTDQMSLQKRSLSIAEVLVKILKKCV 90

RESULT 5
US-09-215-818-6
Sequence 6, Application US/09215818A
Patent No. 6379671
GENERAL INFORMATION:
APPLICANT: Colpitts, Tracey
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
FILE REFERENCE: 5972.US.P2
CURRENT APPLICATION NUMBER: US/09/215,818A
PRIOR APPLICATION NUMBER: 08/912,276
EARLIER FILING DATE: 1997-08-17,105
EARLIER APPLICATION NUMBER: 08/697,105
EARLIER FILING DATE: 1996-08-19
EARLIER APPLICATION NUMBER: 08/912,149
EARLIER FILING DATE: 1997-08-15
EARLIER APPLICATION NUMBER: 08/697,106
EARLIER FILING DATE: 1996-08-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 90
TYPE: PRT
ORGANISM: Homo Sapiens
US-09-215-818-6

Query Match 100.0%; Score 450; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. No. 4,9e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISSPLFKLSLAKDPAPPAVAKL 60
DB 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISSPLFKLSLAKDPAPPAVAKL 60
QY 61 GVKRCTDQMSLQKRSLSIAEVLVKILKKCV 90
DB 61 GVKRCTDQMSLQKRSLSIAEVLVKILKKCV 90

RESULT 6
US-09-467-602A-6
Sequence 6, Application US/09467602A
Patent No. 653164
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Colpitts, Tracey L.
APPLICANT: Russell, John C.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
FILE REFERENCE: 5972.US.P5
CURRENT APPLICATION NUMBER: US/09/467,602A
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: US 08/215,818
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: US 08/912,276
PRIOR FILING DATE: 1997-08-17
PRIOR APPLICATION NUMBER: US 08/697,105
PRIOR FILING DATE: 1996-08-19
PRIOR APPLICATION NUMBER: US 08/912,149
PRIOR FILING DATE: 1997-08-15
PRIOR APPLICATION NUMBER: US 08/697,106
PRIOR FILING DATE: 1996-08-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-09-467-602A-6

Query Match 100.0%; Score 450; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. No. 4,9e-49;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISSPLFKLSLAKDPAPPAVAKL 60
DB 1 MKLSVCLLVLTALCCYQANAEFCPALVSELDFFFISSPLFKLSLAKDPAPPAVAKL 60
QY 61 GVKRCTDQMSLQKRSLSIAEVLVKILKKCV 90
DB 61 GVKRCTDQMSLQKRSLSIAEVLVKILKKCV 90

RESULT 7
US-08-912-276-23
Sequence 23, Application US/08912276
Patent No. 6183952
GENERAL INFORMATION:
APPLICANT: Billing-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpitts, Tracey L.
APPLICANT: Friedman, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Granados, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klaess, Michael R.
APPLICANT: Kratochvil, Jon D.
APPLICANT: Roberts-Rapp, Lisa

APPLICANT: Russell, John C.
APPLICANT: Stroupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,276
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5972-US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 69 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6183952e
US-08-912-276-23

Query Match 76.0%; Score 342; DB 3; Length 69;
Best Local Similarity 100.0%; Pred. No. 1.2e-35;
Matches 69; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 EFCPALVSELDDFFISSEPLFKSLAKFDAPPEVAVALGVKCTDQMSLQKSLIAEVL 81
DB 1 EFCPALVSELDDFFISSEPLFKSLAKFDAPPEVAVALGVKCTDQMSLQKSLIAEVL 60

QY 82 VKILKKCV 90
DB 61 VKILKKCV 69

RESULT 8
US-08-821-451A-2
Sequence 2, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSER: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE

COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-2

Query Match 61.6%; Score 277; DB 3; Length 90;
Best Local Similarity 58.9%; Pred. No. 2.2e-27;
Matches 53; Conservative 17; Mismatches 20; Indels 0; Gaps 0;

QY 1 MRLSVCLLVLTALCCYQANAEFCPALVSELDDFFISSEPLFKSLAKFDAPPEVAVAL 60
DB 1 MRLSVCLLVLTALCCYQANAEFCPALVSELDDFFISSEPLFKSLAKFDAPPEVAVAL 60

QY 61 GVKRCTDQMSLQKSLIAEVLVKILKKCV 90
DB 61 EVKCTDQMSLQKSLIAEVLVKILKKCV 90

RESULT 9
US-09-263-810-2
Sequence 2, Application US/09263810
Patent No. 6174992
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSER: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-263-810-2

Query Match 61.6%; Score 277; DB 3; Length 90;
Best Local Similarity 58.9%; Pred. No. 2.2e-27;
Matches 53; Conservative 17; Mismatches 20; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFIFSEPLFKLSLAFDAPPEAVAAKL 60
DB 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFIFSEPLFKLSLAFDAPPEAVAAKL 60

QY 61 GVRCTDQMSLQKRSLSIAEVLVKILKCSV 90
DB 61 EVHGCTDQISFKRLSLSEKLVLEIVKKGCV 90

RESULT 10
US-09-583-169-2
Sequence 2, Application US/09583169
Patent No. 6338948

GENERAL INFORMATION:

APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/583,169
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-09-583-169-2

Query Match 61.6%; Score 277; DB 4; Length 90;
Best Local Similarity 58.9%; Pred. No. 2.2e-27;
Matches 53; Conservative 17; Mismatches 20; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFIFSEPLFKLSLAFDAPPEAVAAKL 60
DB 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFIFSEPLFKLSLAFDAPPEAVAAKL 60
QY 61 GVRCTDQMSLQKRSLSIAEVLVKILKCSV 90
DB 61 EVHGCTDQISFKRLSLSEKLVLEIVKKGCV 90

RESULT 11
US-09-673-395A-200
Sequence 200, Application US/09673395A
Patent No. 6620923

GENERAL INFORMATION:

APPLICANT: SPECHT, THOMAS
APPLICANT: HINZMANN, BERND
APPLICANT: SCHMITT, ARMIN
APPLICANT: FILARSKI, CHRISTIAN
APPLICANT: DAHL, EDGAR
APPLICANT: ROSENTHAL, ANDRE
TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM UTERUS TUMOR TISSUE
FILE REFERENCE: ALBRE-12
CURRENT APPLICATION NUMBER: US/09/673,395A
CURRENT FILING DATE: 2000-10-17
NUMBER OF SEQ ID NOS: 637
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 200
LENGTH: 79
TYPE: PRT
ORGANISM: Homo sapiens
US-09-673-395A-200

Query Match 54.2%; Score 244; DB 4; Length 79;
Best Local Similarity 61.0%; Pred. No. 2.6e-23;
Matches 47; Conservative 13; Mismatches 17; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFIFSEPLFKLSLAFDAPPEAVAAKL 60
DB 3 MKLSVCLLVLTALCCYQANAEPCPALVSELDFFIFSEPLFKLSLAFDAPPEAVAAKL 62

QY 61 GVRCTDQMSLQKRSLSI 77
DB 63 EVHGCTDQISFKRLSLI 79

RESULT 12
US-08-912-276-22
Sequence 22, Application US/08912276
Patent No. 6183952

GENERAL INFORMATION:

APPLICANT: Billing-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpitts, Tracey L.
APPLICANT: Friedman, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Granados, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klags, Michael R.
APPLICANT: Kratochvil, John D.
APPLICANT: Roberts-Rapp, Lisa
APPLICANT: Russell, John C.
APPLICANT: Stoupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:

Query Match 61.6%; Score 277; DB 4; Length 90;
Best Local Similarity 58.9%; Pred. No. 2.2e-27;
Matches 53; Conservative 17; Mismatches 20; Indels 0; Gaps 0;

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,276
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5972 US, P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 45 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6183952e
US-08-912-276-22

Query Match 48.7%; Score 219; DB 3; Length 45;
Best Local Similarity 100.0%; Pred. No. 1.8e-20;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 46 LAKDAPPEAVAAKLGVRCTDQMSLOKSLIAEVLVKILKKCSV 90
DB 1 LAKDAPPEAVAAKLGVRCTDQMSLOKSLIAEVLVKILKKCSV 45

RESULT 13
US-08-821-451A-25
Sequence 25, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESS: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-25

Query Match 44.9%; Score 202; DB 3; Length 90;
Best Local Similarity 48.4%; Pred. No. 5.4e-18;
Matches 44; Conservative 15; Mismatches 30; Indels 2; Gaps 2;

QY 1 MKLSVCLLVLTALCCYQANA-EPCPALVSHLDPFPISSPLFKSLAKDAPPEAVAAK 59
DB 1 IELSLCILIM-LAVCCYEANASQICELVAHTTIFLKKSEELKKELMNTNAPPAVEAK 59

QY 60 LGVRCTDQMSLOKSLIAEVLVKILKKCSV 90
DB 60 LGVRCTDQMSNODRLVVAETLVYIFLECGV 90

RESULT 14
US-08-821-451A-26
Sequence 26, Application US/08821451A
Patent No. 6066724
GENERAL INFORMATION:
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
TITLE OF INVENTION: Human Endometrial Specific Steroid-
TITLE OF INVENTION: Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESS: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/821,451A
FILING DATE: March 21, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/014,724
FILING DATE: March 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 90 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
US-08-821-451A-26

Query Match 44.9%; Score 202; DB 3; Length 90;
Best Local Similarity 48.4%; Pred. No. 5.4e-18;
Matches 44; Conservative 15; Mismatches 30; Indels 2; Gaps 2;

QY 1 MKLSVCLLVLTALCCYQANA-EPCPALVSHLDPFPISSPLFKSLAKDAPPEAVAAK 59
DB 1 IELSLCILIM-LAVCCYEANASQICELVAHTTIFLKKSEELKKELMNTNAPPAVEAK 59

Db 1 IEHSLCLIM-LAVCCYEANASQICELVAHETISFLMKSEBELKKELEMYNAPPAVEAK 59

QY 60 LGVRCCTDQMSLQKSLIAEVLVKILKKCV 90

Db 60 LEVRCVDQMSNGDRLVAETLVYIFLECGV 90

RESULT 15

US-09-263-810-25

; Sequence 25, Application US/09263810

; Patent No. 6174992

; GENERAL INFORMATION:

; APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz

; TITLE OF INVENTION: Human Endometrial Specific Steroid-

; TITLE OF INVENTION: Binding Factor I, II and III

; NUMBER OF SEQUENCES: 27

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,

; ADDRESSEE: CECCHI, STEWART & OLSTEIN

; STREET: 6 BECKER FARM ROAD

; CITY: ROSELAND

; STATE: NEW JERSEY

; COUNTRY: USA

; ZIP: 07068

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 INCH DISKETTE

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: MS-DOS

; SOFTWARE: WORD PERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/263,810

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/821,451

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: MULLINS, J.G.

; REGISTRATION NUMBER: 33,073

; REFERENCE/DOCKET NUMBER: 325800-521 (PF2577)

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 201-994-1700

; TELEFAX: 201-994-1744

; INFORMATION FOR SEQ ID NO: 25:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 90 AMINO ACIDS

; TYPE: AMINO ACID

; STRANDEDNESS: SINGLE

; TOPOLOGY: LINEAR

; MOLECULE TYPE: PROTEIN

US-09-263-810-25

Query Match 44.9%; Score 202; DB 3; Length 90;

Best Local Similarity 48.4%; Pred. No. 5,4e-18;

Matches 44; Conservative 15; Mismatches 30; Indels 2; Gaps 2;

QY 1 MKLSVCLLVTLAICCYQANA-EFPCALVSELDFFPISPLPKLSIAKEDAPPEVAIAK 59

Db 1 IEHSLCLIM-LAVCCYEANASQICELVAHETISFLMKSEBELKKELEMYNAPPAVEAK 59

QY 60 LGVRCCTDQMSLQKSLIAEVLVKILKKCV 90

Db 60 LEVRCVDQMSNGDRLVAETLVYIFLECGV 90

Search completed: March 11, 2004, 17:45:35
Job time : 23 secs